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Trimble Introduces the Next Generation of Loader Onboard Scales for Aggregates

Trimble LOADRITE L3180 SmartScale with Weighing Intelligence to Optimize Loadout, Track Productivity and Prevent Overloading

SUNNYVALE, Calif., May 18, 2017 /PRNewswire/ -- Trimble (NASDAQ:TRMB) announced today the release of Trimble® LOADRITE® L3180 SmartScale for wheel loaders.

With the next generation of loader scales, Trimble is significantly improving aggregates payload management. The LOADRITE L3180 SmartScale uses weighing intelligence to analyze the load, machine and its environment using solid state sensors for more accurate, precise and faster loading. It also connects machines and devices for the collection and syncing of loading data via built-in Wi-Fi and GPS connecting to the InsightHQ™ quarry reporting portal. InsightHQ consolidates live, operational information from Trimble LOADRITE devices on loaders, excavators and conveyors across the site, to provide near real-time productivity and performance reports for extraction, processing and load-out operations in quarries.

Reengineered from the ground up, Trimble's innovative, next generation loader scale platform features smarter weighing, smarter data management and a smarter interface. Intelligence in the weighing software and new hardware gives operators of all skill levels the ability to load faster and more productively than ever before.

"We took our 35 years of world-leading technical and domain expertise and challenged our team to deliver the ideal tool for the industry," said Johan Smet, general manager of Trimble's Aggregates Division. "The result is our most accurate and easy to use scale ever. Operators appreciate the confidence, independence and comfort it gives them, and managers value the cost savings and improved customer service."

Smarter Weighing

The LOADRITE L3180 offers more precise weighing in a wide range of conditions including adjusting for rough terrain, operator technique and machine movement using new weighing intelligence algorithms. The system also includes digital CAN-bus sensors for noise immunity and ground slope compensation as a standard feature.

Smarter Data Management

The L3180 now offers in-cab key performance indicators (KPIs), including ton/hour, tons and truck count to enable operators to monitor performance and achieve daily targets. When using Trimble's cloud-based InsightHQ quarry reporting portal, personnel can gain access to site production and operator performance KPIs on a desktop or mobile devices. Data is presented in dashboard or graphical formats, including a new loadout performance heatmap, powered by built-in GPS. Trimble provides data integrity by caching data locally and then syncing with InsightHQ.

Smarter Interface

The L3180 features a 5.7 inch touchscreen display, which is twice the size of previous generation scale displays. Colorful graphics, cleaner interface design and the new touchscreen allow for faster menu navigation and interaction. New loading information detail including customer and product for each job can be customized on the interface by each operator to match their workflow and make it easier to see the right information for maximum productivity.

Availability

Trimble LOADRITE L3180 SmartScale for wheel loader is now available globally from authorized Trimble LOADRITE dealers. For more information, visit: www.trimble.com/L3180.

About Trimble Loadrite

Since 1979, Loadrite, previously Actronic Technologies, has been designing, developing and manufacturing applied technology solutions to improve productivity in the aggregates, mining, waste management, forestry, and other industries.

Loadrite is a leader in the field of measurement, and was acquired by Trimble in June 2013. Loadrite load weighing technology and payload information systems are installed on wheel loaders, excavators, garbage trucks and other heavy loading equipment to ensure optimal loads, and provide quality data for productivity analysis.

For more information, visit: www.loadritescales.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 a broad range of industries such as agriculture, construction, geospatial and transportation and logistics. For more information about Trimble (NASDAQ:TRMB), visit: www.trimble.com.

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