



Stability Monitoring System for Frigid Climates

Maptek released a cold climate model of its Sentry system for stability monitoring. The company reported it redesigned all the major components in the standard-temperature Sentry mobile system to achieve the specifications.

The system can operate continuously from -20° to 50°C, with operation for a limited time in temperatures below -20°C. It leverages an XR3 cold climate laser scanner, which has been redesigned and tested to operate at these low temperatures. A removable neoprene jacket for the scanner provides extra protection against wind chill.

Sentry is a mobile remote-monitoring system that uses laser scanning to continuously measure ground movement with extremely fine spatial resolution and accuracy, the company reported. Housed in a self-contained unit with autonomous power and communications capabilities, it relies on sophisticated software to monitor, analyze and report in real time.

www.maptek.com

Charger on LHD Means Near-continuous Ops

Aramine announced the battery-powered L140B miniLoader, with an optional integrated charger, can charge via a wall plug



www.e-mj.com



and can muck for four hours per charge. The optional QRS features a quick-disconnect battery module. The system is ultra-fast and smart, with a W-type aligning system and an auto-locking device, Aramine reported. The lever with lock offers optimal safety for the battery pack. Charging takes 10 minutes to 15 minutes, allowing for near-continuous operation, the company reported.

www.aramine.com

New Tailgate for Komatsu Haulers

Philippi-Hagenbuch Inc. announced a new version of the Autogate Tailgate. The tailgate is designed with a traditional outrigger that bolts to the undercarriage. It requires no welding to the frame, allowing operators to retain Komatsu's original OEM truck frame warranty. The tailgate's superstructure provides stability, quality and structural integrity, the company reported. It reduces premature tailgate chain wear and roller-box maintenance. A three-year warranty comes standard in some circumstances. Originally introduced a half-century ago for Komatsu

rigid frame trucks, the solution was the first commercially available tailgate.

www.philsystems.com

ABB Launches Drive, Interface, Bearing Solutions

ABB launched the CP600-Pro control panel line, adding to the CP600 platform. The panel is a premium interface for high-end applications and challenging installations, the company reported.

The CP600-Pro can operate within the -4° to 140°F temperature range, and features a true glass-touch screen for clear information display and easy operation. Strong aluminum-front frames ensure IP66 protection, and the all-black front design, either in landscape or portrait format, is ideal for multiple applications, ABB reported. Available in 5-, 7-, 10.1-, 15.6- and 21.5-in. screen sizes, the panels have three Ethernet interfaces to support up to three networks. A serial port simplifies integration of products without network interfaces, and USB ports and SD cards facilitate backups and system updates.

Separately, ABB released the ABB Ability Smart Sensor for Dodge-mounted

