

Terex Bid-Well 3600RC Remote Control Paver

The Terex® Bid-Well 3600RC offers enhanced safety because its remote control allows users to operate the whole machine, from the engine to the machine and carriage travel speed, from the work area. It also provides the ability to communicate with other team members. The 3600RC comes standard with two Kohler PRO EFI 25 hp (18.6 kW) air-cooled gasoline engines. With paving widths ranging from 8 to 86 ft (2.4 to 26 m), it is capable of paving bridge decks and roads.

—Terex Bid-Well, www.terex.com/concrete



W.R. MEADOWS Air-Shield Aluminum Sheet Membrane

The Air-Shield™ Aluminum Sheet Membrane from W.R. MEADOWS is a self-adhering system that provides a complete above-grade air, vapor, and liquid moisture barrier. This roll-type product is nominally 40 mils (1 mm) thick. It comprises aluminum bonded to specially modified asphalt and can withstand an extended 12-month exposure time. Air-Shield Aluminum Sheet Membrane will adhere to most primed surfaces when installed at a minimum temperature of 40°F (4°C). It will not shrink, sag, dry out, crack, or rot, and it remains flexible when surface mounted.

—W.R. MEADOWS, www.wrmeadows.com

TEI Rock Drills MMB326 Hydraulic Drifter Rock Drill Attachment for Brokk 300

The MMB326 hydraulic drifter rock drill attachment from TEI Rock Drills is designed to be coupled with the Brokk 300 demolition robot. The attachment's lightweight, compact TE326 drill head can produce holes up to 3 in. (76 mm) in diameter in concrete, rock, and compacted soil. At just under 30 in. (762 mm) long, the MMB326 delivers 200 ft-lb (270 J) of impact energy at 3480 blows per minute. The drill also produces 250 ft-lb (340 J) of torque and reaches rotation speeds of up to 250 rpm. The MMB326 has a 360-degree positioner for drilling in a variety of positions, can be used with a manual centralizer for rock drilling or with a hydraulic clamp for extension drilling and roof bolting, and is available in 5.9 or 7.8 ft (1.8 or 2.4 m) mast lengths.

—TEI Rock Drills, www.teirockdrills.com

—Brokk, www.brokk.com



Products & Practice



Leica Lino Laser Series

The Lino series of cross-line and point-line lasers from Leica Geosystems were created to ensure outstanding laser visibility. The new green laser diodes are up to four times more visible, so users can work efficiently even in very bright ambient conditions. These lasers connect to precision-made adapters by strong magnets. The rotating TWIST adapters can be set up on edges and profiles or fixed to tubes and rails. The lasers are infinitely adjustable in height, thanks to the setting wheel on the magnetic wall bracket. The optics of these lasers are protected by a high-grade aluminium frame and impact-absorbing rubber components. The Lino series lasers can be operated with lithium-ion rechargeable or alkaline batteries, or they can be connected directly to a power supply.

—Leica Geosystems, www.leica-geosystems.com

Scale-Tron High Pressure Washout

Scale-Tron's High Pressure Washout can be used with ribbon, twin-shaft, planetary, pan, or rotating-pan mixers. It offers fully automatic end-of-shift cleaning that eliminates the need for manual cleanup and can save up to half an hour of labor in every shift. The product is available with a self-install kit that includes a comprehensive instruction manual. Once mounted inside a mixer, the High Pressure Washout's nozzles spray in a hemispherical pattern to thoroughly clean the mixer. The system also comes with a hand-operated gun that can be used to clean buckets, hoppers, and chutes.

—Scale-Tron, www.scaletron.com

Sherwin-Williams LOXON Self-Cleaning Acrylic Coating in Satin Finish

Specifically engineered for exterior, above-grade masonry, LOXON® Self-Cleaning Acrylic Coating from Sherwin-Williams is now offered in a satin finish. This coating extends the lifetime of concrete and masonry while providing a clean look. Its self-cleaning formula sheds dirt upon contact with water. It provides advanced durability, defends against wind-driven rain, and inhibits the growth of mildew on the surface of the coating. This coating can be applied to either bare or previously coated concrete without the need for priming.

—Sherwin-Williams, www.sherwin-williams.com



Continental ContiPressureCheck

ContiPressureCheck™ by Continental—available on the Geotab Marketplace—was designed to reduce maintenance costs, minimize fuel consumption, and improve safety for commercial fleets. The ContiPressureCheck tire pressure monitoring system (TPMS) uses sensors mounted inside the tire to capture accurate temperature and pressure data in real time. Data are transmitted through Geotab's GO device, and real-time alerts become available to the driver in the MyGeotab app. Multiple levels of low-pressure alerts are provided to reflect the severity of the issue and help determine the appropriate course of action.

—Continental, www.continental-truck.com

—Geotab Marketplace, <https://marketplace.geotab.com>

Mallard Creek Polymers Acrylic Emulsion Admixtures

Mallard Creek Polymers offers two all-acrylic emulsion admixtures: Rovene® 403 and Rovene® 6023. Both are designed for use in hydraulic cementitious mixtures and can be used in decorative concrete overlays, repair mixtures, base coats in exterior insulation and finish systems, and mortars. Added to portland cement mixtures, they can increase adhesion to most substrates, improve water resistance, and increase flexural strength. Both products should be used with an antifoaming agent to avoid high air content in the mixture. Rovene 403 can be used where a low-odor application is required.

—Mallard Creek Polymers, www.mcpolymers.com

Book Notes

Concrete-Filled Stainless Steel Tubular Columns by Vipulkumar Patel, Qing Quan Liang, and Muhammad Hadi

This book, written for practicing structural and civil engineers, discusses the latest computational techniques and design methods for concrete-filled stainless steel tube (CFSST) columns. CFSST columns are increasingly used in modern composite construction due to their high strength, high ductility, high corrosion resistance, high durability, aesthetics, and ease of maintenance. This book presents computational models for the nonlinear inelastic analysis and design of CFSST short and slender columns under axial load and biaxial bending. It describes the mathematical formulations, computational procedures, and model verifications for circular and rectangular CFSST short and slender columns. The behavior of CFSST columns under various loading conditions is demonstrated by numerous numerical examples.

\$109.95 (hardback); 132 pp.; ISBN 9781138543669

—CRC Press, www.crcpress.com

Products & Service Literature & Videos

The Real Value of Resilient Construction by the Portland Cement Association

This 22-page document examines what resilience is, why it's necessary, and how it can be achieved. It compares a variety of structural systems as well as building costs for different concrete structural systems. It also discusses maintenance costs in relation to durability and the money savings of hazard-resistant designs. The document is available in PDF format, and it can be viewed or downloaded at www.cement.org/docs/default-source/resiliency-2019/rvrc_report_final.pdf.

—Portland Cement Association, www.cement.org

Web Notes

Humboldt Website Redesign

Humboldt updated their company website. The update makes it easier for users to find products and information, and it includes a new homepage with direct-click links to product categories. The new homepage features a News and Events area to keep users up to date on company news and trade show attendance. The Support page was also redesigned; it now provides all support and information for Humboldt products in one place. Users can search for a part number and get all the information available for that product, including data sheets, manuals, videos, and help articles.

—Humboldt, www.humboldtmg.com