

Product Showcase

Innovative Products

Fast-Tube CLEAR

Fast-Tube CLEAR is a circular column form that allows users to see reinforcing bars and concrete before and during the concrete placement. Available diameters include 8 to 20 in. (203 to 508 mm). Forms are tubes made of high-density polyethylene fabric supplied in 50 and 100 ft (15 and 30 m) rolls. After the tube is cut to the desired length, forms are positioned and braced using dimension lumber stiffeners nailed over a full-length alignment tab extending from the tube. The CLEAR installation guide is printed on the fabric and indicates a maximum slump of 5 in. (125 mm), with consolidation by patting the form sides or using a 1 in. (25 mm) pencil vibrator.

—Fab-Form, www.fab-form.com

Line Dragon

Line Dragon has three essential productivity tools for pumped concrete placement. The Concrete Placer maneuvers over reinforcing bar grids, radiant heat lines, headed studs, or metal deck and places concrete where it is needed using a placing boom that pivots 360 degrees. The Concrete Dragger operates 20 ft (6 m) away from the Placer, keeping excess pump hose out of the placement area. Both machines feature hose horns that prevent hoses from kinking. Both are also radio-controlled and can easily be operated from a safe distance. Lastly, the Dragon Egg Rolling Hose Protector is a hose coupling cover that rolls over obstacles and prevents snagging.

—Line Dragon, LLC, www.linedragon.com



Verifi

GCP Applied Technologies Verifi® monitors, measures, and manages concrete properties in transit mixers. It provides concrete quality control measurements and helps increase product consistency and jobsite efficiency. The Verifi In-Transit Concrete Management system uses sensors installed on mixer trucks to enable real-time, automated process monitoring and control during transit from the ready mixed concrete plant to the jobsite. The system measures slump, temperature, water addition, revolutions, admixture additions, and elapsed time. Data is available in real time from any location through mobile platforms.

—GCP Applied Technologies, www.gcpat.com



MS 360 Masonry Saw Vac Attachment

Designed to allow safe dry cutting of masonry, Husqvarna's MS 360 Vac Attachment collects dust as it is created at the cutting blade and pulls it into a vacuum. The vacuum attachment is affixed by lining up two pins to two holes on the conveyor cart of the MS 360 saw. A dust trough fits in the groove on the cart to catch and remove dust produced while cutting. The trough almost surrounds the blade and can be adjusted for different material sizes. Once attached to the conveyor cart, the MS 360 Vac Attachment is connected to a vacuum with at least 250 ft³/min (7 m³/min) capacity and a HEPA filter to meet OSHA silica regulations. The MS 360 is available in both gas and electric versions.

—Husqvarna, www.husqvarnacp.com

Leica GS18 T

Leica Geosystems' Leica GS18 T is a calibration-free, tilt-compensating Global Navigation Satellite System (GNSS) solution that is immune to magnetic disturbances. GNSS measurements can be taken from any position on site. The GNSS RTK rover uses precise inertial measuring units in lieu of a compass, allowing users to measure with a tilted pole close to buildings, underneath cars, and close to metallic objects. The GS18 T records how the pole was leveled during the measurement. The GS18 T then stores the values, ensuring measurement traceability and quality reporting. Leica Captivate v3.0 and Leica Infinity v2.4 software packages provide users with immersive means of control. Captivate allows configuration of the GS18 T for measuring and staking applications and the visualization of tilt-compensated measurements. Back in the office, measured data can be imported into Infinity or exported into a variety of formats suitable for CAD packages. Within Infinity, users can visualize the measured data, including the creation of reports providing full traceability and quality assurance.

—Leica Geosystems AG - Part of Hexagon, <http://leica-geosystems.com>

FERROQUELL

The FERROQUELL metal waterstop eliminates the need for concrete upstands, as the expanding effect of its hydrophilic rubber compensates for the shorter path around the upright steel plate. FERROQUELL is installed with the hydrophilic rubber facing the water side of the installation. It is mounted on top of the upper layer of reinforcement and fixed with clips or clamps or inserted immediately after concreting, deep enough so that the hydrophilic rubber has a minimum embedment of 30 mm (1.2 in.). FERROQUELL is only 150 mm (6 in.) high and available in rolls or strips.

—TPH Bausysteme GmbH, www.tph-bausysteme.com



CryoSTEEL

Commercial Metals Company (CMC) produces CryoSTEEL™ reinforcing bars for cryogenic applications such as liquid natural gas (LNG) tanks and cold-climate structures. The bars meet ASTM A615 Grade 60 (420 MPa) specifications and are available in lengths of up to 66 ft (20 m) and bar sizes of No. 4, 5, 6, 8, and 10 (13, 16, 19, 25, and 32 mm). CryoSTEEL has been tested to -265°F (-165°C). CMC will test CryoSTEEL to required design temperatures for specific projects.

—Commercial Metals Company, www.cmc.com

Clean Meister P1300

The Clean Meister P1300 has a custom-built lance system for thorough cleaning inside concrete transit mixer drums. This system is easy to operate and maintain. Clean Meister P1300 features a telescopic lance bar made of a standard 80 x 80 mm (3.15 x 3.15 in.) profile. Within this bar, the high-pressure hose feeds the ultra-high-pressure nozzle head. The telescopic lance has a working length of approximately 5.5 m (18 ft) and is supported by a 2 m (6.6 ft) base consisting of 10 pieces of high payload V-shape guiding wheels. The system's movement and settings are controlled manually.

—CleanMeister, www.cleanmeister.com