

# Products & Practice

## Liebherr 38Z4 XXT Truck-Mounted Concrete Pump

The 38Z4 XXT truck-mounted concrete pump features a four-part, Z-folding distribution boom with a vertical reach of 37.1 m (121.7 ft) and a horizontal reach of 32.8 m (107.6 ft). The pump's XXT outriggers can swivel and extend in front of the cab to allow placement in narrow spaces, and its XXA stability assistance system monitors the outrigger and boom positions to ensure safety. Separately driven agitators push the concrete directly into the suction area, allowing the pump to work with concrete mixtures that would otherwise be difficult to pump. A highly efficient semi-closed oil circuit system ensures that drives are supplied with reliable and powerful hydraulic power.

Additional features include:

- The design ensures convenient and safe hose and piping storage;
- Radio remote control enables precise boom movement;
- Color display shows operators important parameters;
- Boom design and kinematics ensure low vibration while pumping; and
- The charging hopper's shape provides a uniform flow of concrete to the pump.

—Liebherr Group, [www.liebherr.com](http://www.liebherr.com)



## Giatic SmartMix and alterBiota digitalAggregate Integration

Giatic® and alterBiota are collaborating to integrate alterBiota's digitalAggregate™ technology with Giatic's SmartMix™ artificial intelligence (AI) engine, Roxi™. The integration will enable ready mixed concrete producers to upload real-time aggregate data directly to SmartMix to expand optimization opportunities. In action, digitalAggregate analyzes images captured with smartphones to generate gradation data. After the data are uploaded to SmartMix, Roxi optimizes the mixture to reduce cement content and embodied carbon.

—Giatic Scientific Inc., [www.giaticscientific.com](http://www.giaticscientific.com)

—alterBiota Inc., <https://alterbiota.com>

## Bosch Bulldog Xtreme8 8-Cutter SDS-Plus Concrete Drill Bit and Blue Xtreme Carbide-Tipped Drill Bits

The Bulldog Xtreme8™ 8-cutter SDS-plus concrete drill bit, compatible with slotted drive system (SDS)-plus rotary hammers, debuted alongside the Blue Xtreme™ carbide-tipped drill bits, which includes either the PowerGrip Shank or the 1/4 in. (6 mm) Hex Shank, depending on the bit's diameter and length.

Product features include:

- 8-Cutter Head: Provides eight cutting edges to help withstand reinforcing bar hits and to help prevent the bit from getting stuck;
- Carbide Head: Improves strength of the bit tip, reducing breakage upon hitting the reinforcing bar;
- Centering Tip: Designed for drilling anchoring holes to improve the precision of hole placement;
- Integrated Wear Mark: Indicates when the bit has been fully worn;
- Variable (4-2-2) Flute Design: Pulls dust away from the hole to reduce heat buildup for more continuous drilling; and
- Bosch-Made Carbide: Material for increased durability.

—Robert Bosch Tool Corporation, [www.boschtools.com](http://www.boschtools.com)



# Products & Practice

## Milwaukee Women's Workwear Line

Milwaukee® adopted a research-driven approach to developing their Women's Workwear line. Instead of sizing down men's apparel, the design team's focus shifted to ergonomics, durability, and functionality tailored to tradeswomen's needs on the job. A female-led team guided decisions regarding fit, durability, and functionality; and details from waistband construction to pocket depth were informed by real-world testing so that each piece can perform under difficult conditions. This approach resulted in solutions like Milwaukee Tool's GRIDIRON™ Women's Double Knee Jogger Pants, which combine high-rise support with stretch for mobility, reinforced belt loops for tool stability, deep pockets for secure storage, and a tear- and abrasion-resistant cotton/poly/spandex blend for lasting durability. Similarly, tops have been redesigned with drop-tail hems for better coverage, and hoodies are designed to accommodate longer hairstyles without compromising fit.

—Milwaukee Tool, [www.milwaukeetool.com](http://www.milwaukeetool.com)



## Cortex DM

Premier Construction Software's Cortex Drawing Management (Cortex DM) is an artificial intelligence (AI)-powered, cloud-based platform that provides design and construction teams with access to real-time project information. Features include:

- Reduced Rework: Stakeholders work with the latest versions of construction documents, reducing errors and rework;
- Accelerated Project Approvals: Request for information (RFI) response times are cut by up to 50%, helping teams avoid unnecessary delays;
- Unlimited Collaboration: External users are granted unlimited access at no extra cost, enabling coordination between contractors, engineers, and consultants;
- AI-Powered Risk Prevention: Cortex DM's predictive AI proactively flags potential project risks, suggests corrective actions, and provides instant responses through interactive chat; and
- Mobile-Optimized with Offline Access: Teams can access and update project details using mobile devices. Cortex DM's offline capabilities help with productivity even in remote areas.

—Cortex, <https://cortex-dm.com>

## Brass Knuckles SmartCut BKCR4420 and Vader Combo

SmartCut™ BKCR4420 gloves provide flexibility and slip resistance for detailed construction environments while meeting the American National Standards Institute (ANSI) A4 cut resistance requirement. On top of a high-density polyethylene (HDPE) shell, Brass Knuckle adds water-based polyurethane (WBPU) coating as a base coat on the palm and fingers. This helps reduce the penetration of liquids, including light oil. The base coat is secured with a foam nitrile topcoat. Vader Combo provides protective eyewear and a full-face shield. Because it is not attached to a hard hat, protection follows the wearer's face and eye movement. The face-covering impact shield provides protection against projectiles, debris, and wetness with an ANSI D3 droplet and splash protection rating, as well as anti-fog properties.

—Brass Knuckle® Safety Products, [www.brassknuckleprotection.com](http://www.brassknuckleprotection.com)



## VersaCore Pro

VersaCore Pro, a structural precast concrete wall system, combines design characteristics and engineering features from across Fabcon's portfolio. Benefits include improved structural capacity for demanding applications; aesthetics and durability for long-term performance; and streamlined manufacturing for consistency, product reliability, and added value and speed across a range of project types. VersaCore Pro is engineered to drive efficiency across Fabcon's eight-plant network and meet growing demand in industrial, data center, commercial, and institutional markets.

—Fabcon Precast, <https://fabconprecast.com>

## Makita 80V Max XGT 70 lb. AVT Breaker Hammer and 80V Max XGT 28 lb. AVT Demolition Hammer

The 80V max (40V max X2) XGT® 70 lb. AVT® Breaker Hammer is a cordless demolition tool powered by two 40V batteries. It can demolish up to an 8 ft x 6 ft x 4 in. (2438 mm x 1829 mm x 102 mm) thick 5000 psi (34 MPa) concrete slab on a single charge. The 80V max (40V max X2) XGT 28 lb AVT Demolition Hammer delivers 27.5 J of impact energy. It is equipped with anti-vibration technology (AVT) for less vibration and matches the power, speed, and run-time of competing corded models.

—Makita® U.S.A., Inc., <https://makitatools.com>



## Products & Service Literature & Videos

### Winter Work Boot Buyer's Guide by RefrigiWear

RefrigiWear released the "Winter Work Boot Buyer's Guide," a resource designed to help workers select the right insulated boots for their environment, job demands, and safety requirements. The guide was designed to help consumers understand why insulation level, waterproofing, fit, traction, and safety features must align with the type and location of work.

The "Winter Work Boot Buyer's Guide" is focused on real-world performance, and it walks consumers through considerations including:

- Matching insulation to temperature and activity level, from active outdoor jobs to standing on frozen subgrade;
- Why waterproof construction is essential in snow, slush, mud, and melting ice;
- How proper fit affects warmth and circulation, especially when wearing thick work socks;
- Selecting steel, composite, or soft toe caps based on jobsite requirements and cold exposure;
- Outsole traction and slip resistance for preventing falls on icy and wet surfaces; and
- Boot styles suited for different jobs, including construction, utilities, agriculture, cold storage, and food processing.

The guide also highlights RefrigiWear's temperature-based Comfort Ratings, slip-resistance ratings, and cold-weather-specific materials to make it easier for consumers to select boots built for winter weather. Additionally, the guide notes the applicable ASTM International safety and slip-resistance standards that each featured boot meets.

—RefrigiWear, <https://refrigiwear.com>



# Product Showcase

## Decorative Concrete Products

### Walttools Roll Eze

Roll Eze is a cement-based, resin-modified product used to resurface and recolor concrete or related surfaces. It works on surfaces that are flat, vertical, or overhead, and it can be rolled or sprayed with proper equipment. Roll Eze is a single-component, ultra-thin material that binds to existing concrete surfaces, providing a new finish without the need for stripping existing sealers. The coating minimally changes the existing texture of the surface and can be antiqued like a new surface for full stamped concrete restoration. It is resistant to abrasion and cyclic freezing and thawing; and it adheres to most concrete and other clean surfaces such as asphalt, cinder block, cement board, and foam. After application, the surface can be customized with techniques, including antiquing, acid staining, or water-based staining. Roll Eze can be mixed with integral color for a consistent finish.

—The Contractor Source, [www.walttools.com](http://www.walttools.com)



### Bomanite Integral Colors, Central Park Station Project

Colorado Hardscapes, in collaboration with Mortenson and Dig Studio, completed a hardscaping project at Central Park Station in Denver, CO, USA. The project scope included a 20,000 ft<sup>2</sup> (1860 m<sup>2</sup>) Bomanite® Sandscape exposed colored concrete plaza and a 14,000 ft<sup>2</sup> (1300 m<sup>2</sup>) Sandscape streetscape, along with three large decorative concrete planter benches supplied by QCP Corp. The decorative concrete plaza is comprised of 6 in. (152 mm) thick and 8 in. (203 mm) wide alternating Sandscape bands produced using Bomanite White Integral Color to increase the reflectance. The dark colored bands were produced using Bomanite Charcoal Gray Integral Color to create distinct patterning. As required by the City of Denver Transportation standards, epoxy dowels and dowel baskets were used to connect the alternating bands. Bomanite Integral Colors consist of colored admixtures and are developed for use in ready mixed concrete. They are made of pigments and other ingredients designed to enhance the color and improve the pigment dispersion, workability, and finishing performance of the concrete. No fillers are used in Bomanite Integral Colors.

—Bomanite, <https://bomanite.com>



## Upcoming Deadlines for the Product Showcase

**May**—Coatings & Sealers; space deadline 3/13/2026

**June**—Formwork & Accessories; space deadline 4/13/2026

**July**—Thermal & Moisture Protection; space deadline 5/13/2026

For advertising reservations, contact Dan Kaste, MCI USA, [dan.kaste@wearemci.com](mailto:dan.kaste@wearemci.com)

To make an editorial submission, contact Sidra Dahhan, Editor, [Sidra.Dahhan@concrete.org](mailto:Sidra.Dahhan@concrete.org)

## Interstar Megastar Granular Dispensing System

The Megastar granular dispensing system delivers pigment dosing, providing producers with consistent color-treated concrete. Designed for ready mixed operations, Megastar dispenses Interstar's GRANASTAR® granular pigments into the truck to minimize mess, waste, and variability. Using four base colors, Megastar provides access to thousands of color formulations. The system requires no heat, pumps, or recirculation, reducing maintenance demands. Megastar offers a sustainable approach to colored concrete production.

—Interstar Materials, <https://interstar.ca>



## Jesmonite AC730 Micro-Concrete

Jesmonite® AC730 micro-concrete is a fast-setting, acrylic polymer-modified cement-based composite. It is a shrinkage-compensated material of low permeability that is durable in harsh weather conditions. AC730 has reduced free-lime content and low alkalinity, minimizing the risk of efflorescence. The product contains fine decorative aggregate and powder pigments, controlled to give a consistent decorative surface finish after treatment with a proprietary brick cleaner or acid etch. It can be customized with pigments, aggregates, and textures to mimic materials including natural stone, concrete, and metal. It is supplied as two components, a water-based acrylic liquid and a blended base, and it is ASTM E84 Class A fire rated.

—Jesmonite, <https://jesmonite.com>



## Proline Magnetic Seamless Pattern Stamps System

Proline's Magnetic Seamless Pattern Stamps System is engineered to improve stamping precision and consistency on decorative concrete projects. The stamps feature a magnetic alignment system that provides pattern continuity across stamp passes by locking the stamps into seamless overlapping positions. Additional features include:

- Coverage efficiency and fast stamping;
- Lightweight composite materials; and
- High durability, reinforced and engineered for heavy-duty use.

—Proline Decorative Concrete Systems, [www.prolinestamps.com](http://www.prolinestamps.com)



## BonWay Stencils

Bon Tool Company expanded its decorative concrete offerings through BonWay with a line of decorative concrete stencils for architectural flatwork. Available in rolls, these stencils allow contractors to create consistent, repeatable surface patterns that replicate stone, brick, tile, and custom designs. Engineered for use with overlays, microtoppings, resurfacing systems, and spray-applied applications, BonWay stencils conform to curved or irregular surfaces while defining patterns. New stencil patterns include Ashlar Slate, Basket Weave, Cinder, Herringbone, and Diamond Weave.

—Bon Tool, [www.bontool.com](http://www.bontool.com)

