

Jetstream 2000 Series Hot Water Unit

Jetstream of Houston, LLP, introduced the 2000 Series Hot Water Unit. It is suitable for applications where heat offers an efficient cleaning option, including graffiti removal, industrial concrete and pavement cleaning, and grime removal. The 2000 Series Hot Water Unit offers long service life and easy maintenance through advanced frequency analysis and vibration isolation, along with custom mounting and controls. The unit is powered by Jetstream's 2000 Series UNx™ Bareshaft Pump, which is capable of pressures ranging from 6000 to 40,000 psi (41 to 276 MPa) and flow from 19.8 to 2.9 gal./min (75 to 11 L/min), and it features a diesel-fired 420,000 Btu (443,124 kJ) heater capable of up to 70°F (39°C) temperature rise. The unit has a 5000 psi (34 MPa) maximum operating pressure when using the burner and provides up to 19.8 gal./min of heated water. It can also be used as a standard waterblasting unit by bypassing the heater. The 2000 Series Hot Water Unit features a purpose-built control panel and pressure control devices, as well as an onboard 90 gal. (341 L) water tank and charge pump that ensures a consistent water supply. The hot water system is mounted on a low-profile 5000 lb (2268 kg) trailer, with a galvanized steel frame to prevent corrosion and a properly rated torsion axle to minimize suspension wear.

—Jetstream of Houston, LLP, <https://waterblast.com>



KEEN Utility Synchro

KEEN Utility released a new waterproof work boot, Synchro. Built with KEEN.ReGEN+ midsole foam that returns 60% energy with each step, the Synchro is one of KEEN Utility's lightest waterproof styles. It contains a redesigned carbon toe with a non-bulbous fit. Synchro's other features include KEEN.LOCKFIT technology in the heel, which provides lateral stability; a sticky rubber outsole that increases grip; and an athletic mesh upper featuring a KEEN.DRY waterproof, breathable membrane for indoor and outdoor versatility. Synchro is available in both men's and women's sizes.

—KEEN, www.keenfootwear.com



TopBuilder Announces Integration with BuildingConnected

TopBuilder Solutions, LLC, integrated with BuildingConnected®, a pre-construction solution that is part of Autodesk Construction Cloud (ACC). The integration enables contractors to manage bid invitations effectively, saving time and improving bid success rates. Subcontractors can import bid invitations, including updates made throughout the bidding process, from BuildingConnected's Bid Board tool in TopBuilder. With TopBuilder, construction teams can filter and score those bids to identify and prioritize high-value projects based on factors such as job type, general contractor, and market segment. Then, intent-to-bid statuses are sent back to Bid Board. Additional integrations with Microsoft Outlook and Google Calendar help teams stay on track with automated task reminders and follow-ups. The combination of BuildingConnected with TopBuilder's ContractorBI™ gives users full visibility into bid performance so they can identify trends and make informed decisions to optimize bid strategies. Increased insight into these processes helps contractors and construction businesses forecast revenue more accurately and improve profitability over time.

—TopBuilder Solutions, LLC, www.topbuildersolutions.com

Products & Practice

Hilti DD 150-U-22

Hilti launched the DD 150-U-22 Cordless diamond core rig, a universal solution for both handheld and rig-mounted coring, as part of its efforts to expand the all-on-one Nuron battery platform with innovation. Powered by Nuron, the core rig is on the same battery platform as handheld cordless tools. This offers contractors the flexibility to use the same set of interchangeable batteries for all Hilti tools, whether for light or heavy-duty applications, without compromising on performance.

—Hilti, www.hilti.com



Command Alkon Delivers EPD Solution

Command Alkon Inc. enabled rapid deployments of environmental product declarations (EPDs) through embedded artificial intelligence (AI)-powered products in Command Cloud. This offering provides ready mixed concrete producers with a streamlined approach to carbon accounting and compliance with evolving environmental regulations. Customers will be able to generate digital EPDs, gain insights into their carbon footprint, and stay compliant with both current and future regulations. It is designed to support the ready mixed concrete, aggregates, and asphalt industries in meeting sustainability goals and implementing best practices for environmental compliance. To achieve this, Command Alkon is partnering with Pathways, an AI-powered sustainability platform delivering rapid deployments of EPDs. By combining Command Alkon's technology with data transformation and sustainability reporting tools, up-to-the-minute EPDs can be generated without manual data collection. The capability, embedded into existing workflows, simplifies the creation of EPDs, including third-party verification.

—Command Alkon Inc., <https://commandalkon.com>

Aqua Rail System 3.0

Aquajet introduced the Aqua Rail System 3.0, which centers around the upgraded Aqua Spine 3.0, Ergo Climber 3.0, and customizable Support System. It supports a variety of hydrodemolition work and is compatible with the Aqua Cutter 750V, 450A, and 450V hydrodemolition robots, and the Ergo system. The Aqua Rail System 3.0 is capable of complex applications, including tunnel, bridge, silo, and dam wall repairs, as well as refractory work.

The Aqua Spine 3.0, an extendable rail system that attaches to any surface, excels with both linear work and circular applications. It contains new passable mounts/brackets, support legs, adapter plates, and feet, providing users with the option to build longer setups as needed. The upgraded spine is lighter than the previous version and can handle 60% more load and 50% more torque. The Ergo Climber 3.0 features beam brackets with adjustable height and angle and adjustable clamping screws, allowing it to attach and move along both standard and curved scaffolding pipes or roller beams and be configured as a circle for pillars and pipes. New passable brackets enable the climbers to move the Ergo Power Head continuously along the scaffolding, making it possible to build long racks. The system's support legs, brackets, and joints are easily adjustable and can be assembled to allow the Aqua Spine to rotate 360 degrees, manually or hydraulically. The nine-part Support System uses interchangeable center-to-center 80 mm (CC80) (3 in.) hole pattern and M16 screws, enabling quick reconfiguration between projects. Contractors can select light and heavy versions to meet specific job needs.

—Aquajet, <https://aquajet.se>



BK-Anti-FOG and BK-Anti-FOG+

Brass Knuckle® offers two anti-fog lens coatings that prevent water vapor from forming droplets on safety glasses. Brass Knuckle's clear-view vision protection lasts either 15 times longer or 45 times longer than specified by the EN 168 standard. Both BK-Anti-FOG and BK-Anti-FOG+ are bonded directly onto the lens surface, so lenses retain their fog-prevention properties through multiple wears. BK-Anti-FOG lasts for 2 minutes for a fog-free view under hot and humid conditions, while BK-Anti-FOG+ protection lasts more than 6 minutes. The EN 168 standard, in comparison, requires only 8 seconds. Brass Knuckle offers time for lenses to come into balance with temperature fluctuations, reducing fog duration or eliminating it entirely, leading to greater vision, improved safety, and increased compliance.

—Brass Knuckle® Safety Products, www.brassknuckleprotection.com

Sakrete Fast Setting Self-Leveling Resurfacer

Sakrete's Fast Setting Self-Leveling Resurfacer is a rapid-setting cement-based product used for resurfacing concrete floors with damaged finishes or as a wear surface for residential and light-foot-traffic industrial floors where a hard, flat, and smooth surface is desired. It can be used as an underlayment for the installation of ceramic tiles, stone, resilient flooring, carpet, or other finished flooring. Typical substrates include fully cured concrete, APA-rated exterior grade/Exposure 1 plywood or oriented strand board (OSB) underlayment grade equivalent with expanded wire lath reinforcement. It sets in approximately 75 to 90 minutes and accepts foot traffic in 6 hours. At 28 days, it reaches 5500 psi (37.9 MPa) strength. In addition, applications range from 1/8 to 1 in. (3 to 25 mm) and can be featheredged to adjoining elevations.

—Sakrete, www.sakrete.com



Toku America's Advanced STRIKER TNB Large Quarry Breakers line

Toku America, Inc. (TOKU), a subsidiary of Toku Pneumatic Co., Limited, Japan, advanced its STRIKER TNB Large Quarry Breakers line with a range of options that allow quarry operations to choose the right breaker specifically designed for their material size, hardness, and other jobsite condition variables. Comprising 5 TNB models (TNB-151, 90, 30K, 40K, and 400), the large hydraulic quarry breakers are engineered for Cat®, John Deere, and Komatsu excavators. They feature advanced accumulator-free technology, and the design contains only two moving parts, requiring no maintenance. The quarry breakers feature:

- Short, fully enclosed tie rods;
- Long-stroke piston for energy transfer and recoil reduction;
- Control valve with a "flow through" design that reduces hydraulic surge;
- 50/50 piston-to-tool weight ratio to effectively transfer blow energy into the material;
- Dual retainer pins for longer tool and bushing life; and
- Cushion chamber that isolates each blow from the carrier and operator.

This configuration delivers energy, long life, and low operating costs while providing performance benefits to overcome blasting safety, downtime, and zoning limitations.

—Toku America, Inc., www.toku-america.com

Product Showcase

Placing, Finishing & Testing Tools

DEWALT Signal Sensor

The DEWALT Signal Sensor™, powered by Converge's artificial intelligence (AI) platform, ConcreteDNA, delivers real-time, wireless concrete strength and temperature data directly from within the concrete placement, helping facilitate faster and safer builds. Meeting ASTM C1074, "Standard Practice for Estimating Concrete Strength by the Maturity Method," the Signal Sensor provides accurate, data-backed insights into in-place concrete strength, eliminating reliance on field-cured cylinders and destructive testing. Its modular probe design allows measurement at multiple depths and multiple points from a single device, making it a solution for mass concrete placements where thermal profiling is critical to managing differential temperatures and avoiding thermal cracking. It is fully wireless, with an embedded sensor that measures the internal temperature and determines strength of a concrete placement. The Signal Sensor, easy to install and instantly connected to a ConcreteDNA dashboard, equips field teams with real-time data anywhere. The DEWALT Signal Sensor is available at White Cap.

—Converge, www.converge.io/dewalt



Mack Granite 86BR Concrete Pumper Truck

The Mack Granite 86BR concrete pumper truck contains a Putzmeister 47Z boom pump with 46.1 m (151 ft) vertical reach, along with a Mack MP7-425C engine with 425 horsepower and 1550 lb-ft (2100 N-m) torque. The truck is equipped with an Allison 4500 RDS six-speed GEN6 transmission, a 20,000 lb (9072 kg) Mack FXL20 front axle, and a 60,000 lb (27,216 kg) Meritor RZ 60-166 rear axle with differential lock. Features include a ClearTech® One emissions system, Mack PowerLeash engine brake, and LED headlights. The truck is supported by GuardDog® Connect, Mack's integrated telematics solution that proactively monitors truck performance, with 4G/LTE telematics. Through Mack OneCall™ 24/7 service support agents, GuardDog Connect enables quick issue diagnosis, proactive repair scheduling, and parts confirmation while keeping trucks operational.

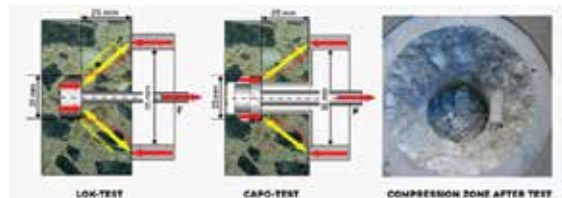
—Mack Trucks, Inc., www.macktrucks.com



Germann Instruments LOK-TEST and CAPO-TEST

LOK-TEST and CAPO-TEST deliver fast measurements of compressive strength directly on concrete structures, without waiting for lab results or risking structural integrity through coring. Meeting ASTM C900, "Standard Test Method for Pullout Strength of Hardened Concrete," among other standards, these tests provide accurate estimates of concrete strength and cover layer quality within a few minutes. With LOK-TEST, cast-in inserts are tested in new structures, while CAPO-TEST enables flexible testing at any location with post-installed inserts. Both systems establish robust general correlations with standard cylinders and cubes, building confidence across mixtures, curing methods, and site conditions. Their semi-destructive nature minimizes surface marks and allows testing in slender or densely reinforced elements, areas where traditional coring isn't feasible. Whether for early or safe formwork removal, structural upgrading, or service life prediction, these systems have been used for structures such as high-rise buildings, bridges, and tunnels worldwide. LOK-TEST and CAPO-TEST provide a cost-effective, portable alternative to laboratory testing.

—Germann Instruments, www.germanninstruments.com



Mecbo CARTRACK P6 and P7

Mecbo America launched CARTRACK P6 and P7 pumps. These concrete pumps pair an electric or diesel pump with a crawler undercarriage to maximize mobility and maneuverability on the jobsite. The 150-horsepower P6 and 180-horsepower P7 place concrete at volumes of 104 to 144 yd³/h (80 to 110 m³/h), making them a solution for a range of applications, including continuous flight augering, drilling, tunneling, and commercial construction. A simple toggle radio remote control provides straightforward handling and efficient operation. Mecbo's patented PULSAR pump system features a long stroke, allowing the pump to push more concrete with less movement. The smooth pump performance virtually eliminates pressure fluctuation even when pumping long distances.



Both CARTRACK P6 and P7 feature two hatches to make routine maintenance easier. The CARTRACK series can come with an optional water pump, compressor, hopper screen vibrator for harsh mixtures, radio remote control, and pipelines and accessories for specialized projects.

The CARTRACK P6 and P7 can also be installed on wheels or trucks. The diesel models have a soundproofing option for work at times and in areas where noise reduction is important. As part of safety considerations during the design process, both models feature a walkway with steps, handrails, and lights.

—Mecbo America, <https://mecboamerica.com>

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