# Products & Practice

#### **SteelMaster Engineering SpinMaster**

SteelMaster Engineering's SpinMaster system produces non-welded rollmats that can be used as reinforcing bar mats in slabs and walls. The machines connect a series of parallel bars at desired spacings using multiple tie wires. Rollmats can be tightly stacked during transport, and they can be readily lifted and positioned using a crane. Bar spacing is set in the fabrication shop, so bar layout is achieved as the mat is unrolled. Mats can also be produced with custom shapes to maximize material savings. The SpinMaster system can produce rollmats using black steel, epoxy-coated, stainless steel, or fiber-composite bars. Spinmaster machines can be configured to automatically draw bar stock from the front or back. The Spinmaster machines produce roll mats using No. 2 up to No. 11 (6.4 up to 35 mm) bars, in lengths from 6 to 60 ft



(2 to 18 m), and at spacings of 3 to 17 in. (76 to 432 mm). The resulting rolls can weigh up to 5.5 tons (5 tonnes). Advantages of Spinmaster non-welded reinforcing roll mats include maximized placement speed on site, reduced labor demand, improved logistics with fewer crane lifts, consistent quality, and improved safety with less lifting of bars.

—SteelMaster Engineering, https://steelmasterengineering.com

#### **Kubota SVL97-3**

Kubota released the SVL97-3 compact track loader. It comes standard with KubotaNOW Telematics. The SVL97-3's top speed is 8.4 mph (14 km/h), and it has a rated operating capacity of 3459 lb (1569 kg) at 35% tipping load. An optional 300 lb (136 kg) of counterweight can be added for an additional 200 lb (91 kg) of operating capacity. This model comes equipped with a heated, air-ride seat on closed cab models, and the configuration of the HVAC vent count and locations creates an efficient climate control system in the cab. A 7 in. (178 mm) LCD touchscreen allows for a passcode-enabled keyless start and includes a rearview camera function. The inclusion of Kubota Shockless Ride (KSR) buffers the loader arms over uneven terrain to keep material in the bucket. The radiator on the



SVL97-3 swings 90 degrees and completely out of the way, opening the engine compartment for full access to the battery, filters, and the engine itself for routine maintenance. The single-piece cab can also be tilted up and out of the way for clear access to the hydraulic pumps, lines, and tank for cleanout and maintenance. Additional cleanout panels have been added to aid in removal of dirt and debris.

—Kubota Tractor Corporation, www.kubotausa.com

#### **Mecbo Scorpion Concrete Crawler Boom**

The Mecbo Scorpion Concrete Crawler Boom provides contractors working in piling, drilling, tunneling, or commercial construction with a flexible arm for placing concrete where needed without disrupting the jobsite. The Scorpion has a reach of 52 ft (16 m) vertically and 46 ft (14 m) horizontally, with a rotational span of 370 degrees—allowing operators to make just over a full turn while extending over structures, landscaping, and other difficult-to-reach or potentially dangerous areas. Additionally, customizations are available for customers who want to reach higher than 52 ft. All Scorpion Concrete Crawler Booms come standard with a handheld radio control to move the boom and undercarriage.



Power supply selections include a 50 horsepower (37,285 W) electric motor or a 30 horsepower (22,371 W) diesel engine with a soundproofing option. The arm folds up in a "z" formation to make the machine easier to haul on a trailer.

—Mecbo America, https://mecboamerica.com

### Products & Practice\_

#### **Aquajet Support System**

To better support the upgraded Aqua Spine and Ergo Climbers, Aquajet created a customizable Support System that is designed to enhance the capabilities and flexibility of hydrodemolition robots in challenging environments, providing more adjustable setups for different projects. This solution equips contractors with an adaptable, ready-to-use setup capable of tackling multiple applications, such as tunnel, bridge, silo, and dam wall repairs and refractory work. Aquajet's Support System is designed to deliver more flexibility and stability when working with the Aqua Spine 3.0 or the Ergo. The system consists of support legs, brackets, and rotatable joints that are easily adjustable in both height and angle and can be assembled to allow the Aqua Spine to rotate 360 degrees—either



manually or hydraulically. Featuring only nine parts, the Support System uses interchangeable CC80 hole pattern and M16 screws, enabling quick reconfiguration from one project to the next. Contractors can select from light and heavy versions to meet specific job needs. Fully customizable for specific project requirements, the system's reusability and scalability allow for future reconfiguration, eliminating the need for entirely new setups.

—Aquajet, https://aquajet.se

#### Hilti PR 4/40/40G-22 Rotating Lasers

Hilti North America has expanded the all-on-one Nuron cordless battery platform with the launch of the PR 4/40/40G-22 Rotating Lasers. The PR 4 can be used for horizontal leveling. The PR 40, a red laser universal tool, can be used for horizontal, vertical, and slope applications. Lastly, the PR 40G is a universal tool laser that offers increased visibility with a green beam. All of these lasers offer intuitive one-button control, automatic functions within 300 m (984 ft), and easier alignment for formwork, slope grading, and squaring—ideal for one-person operation. These rotating lasers are backed by Hilti's design, calibration, and repair service. The Nuron platform also features smart asset tracking and battery monitoring to help boost efficiency and simplify tool management.

—Hilti, www.hilti.com

#### **Ergodyne Arm and Knee Protective Equipment**

Ergodyne launched a line of work gloves, cut sleeves, and knee pads engineered to drive the adoption of personal protective equipment (PPE). The ProFlex 7073 Nitrile-Coated Cut-Resistant Gloves deliver ANSI/ISEA 105-2016 Level A7 cut resistance with high flexibility by way of the form-fitting 21-gauge knit. For workers facing wet or oily conditions, the ProFlex 7251 Fully Coated Gloves provide ANSI/ISEA 105-2016 Level A5 protection, superior grip, and water/oil resistance. The ProFlex 7061 PU Coated Gloves are touchscreen capable while also combining 21-gauge knit flexibility with ANSI/ISEA 105-2016 Level A6 cut resistance. Ergodyne's new sleeves have thumb holes, pre-curved elbows, and



adjustment straps on the upper arm. ProFlex 7991 Cut Sleeves have ANSI/ISEA 105-2016 Level A9 cut resistance and a secure, breathable fit. For those facing heat exposure, the ProFlex 7951 Sleeves offer ANSI/ISEA 105-2016 Level A5 cut resistance and EN407 Level 1 rating heat protection when handling hot materials (212°F [100°C] for up to 15 seconds). The ProFlex 575 Non-Marring Knee Pads feature a three-layer foam system and ergonomic "pre-curved" cap design, providing cushion and stability whether walking, crawling, or kneeling, and preventing wear and tear on joints over time.

-Ergodyne, www.ergodyne.com

#### **Little Giant Ladder Systems A-Force**

Little Giant Ladder Systems launched a series of ladders engineered with focus on safety, durability, and ease of use. With features including shock absorption, mobility, and non-conductive materials, these ladders are constructed to withstand tough environments while ensuring users feel secure while working on elevated projects. The A-Force ladder series is designed for efficiency, durability, and safety on construction sites. Featuring a spreader step for easy setup, the A-Force375, with a removed top rung, offers more legroom and a secure handhold for quick deployment and takedown. The versatile top cap has four accessory ports, allowing workers to add accessories like the Loot Box or Strap Holder for a complete toolbelt setup. The A-force has rugged, replaceable feet and molded hand grips for easy carrying. Crafted with Hi-Viz green woven fiberglass and with three duty rating options—Type I, IA, and IAA—the A-Force meets or exceeds all OSHA and ANSI



standards. The IAA-rated A-Force ladder also includes Ground Cue for safer mounting and dismounting.

—Little Giant Ladder Systems, www.littlegiantladders.com

#### Milwaukee M18 Six Bay Daisy Chain Rapid Charger

Milwaukee® announced the M18™ Six Bay Daisy Chain Rapid Charger. This product offers crews the ability to have a centralized charging hub. By daisy-chaining up to 10 chargers together and switching into overnight charge mode, users can efficiently charge up to 60 M18 battery packs overnight on a single 15A circuit. Switching from overnight mode to daytime mode provides a rapid charge rate and allows up to four chargers to be daisy-chained together. With the rapid charge rate and a two-battery simultaneous charge sequence, users experience reduced downtime and increased efficiency. The M18 Six Bay Daisy Chain Rapid Charger features an integrated carry handle and built-in cord management. The PACKOUT Modular Storage System enables users to fully customize and organize

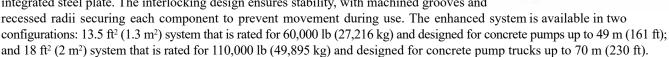


their solutions for efficient transport and storage. The charger is fully compatible with the entire M18 system.

-Milwaukee Tool, www.milwaukeetool.com

#### **DICA SteelTech Dunnage System Updates**

DICA announced design updates to its SteelTech Dunnage System. Longer steel tubes expand bearing area, and angled edges reduce the overall weight of the system. The updated system maintains its interlocking design while offering greater stability and load distribution performance. By extending the steel tubes, the system provides an increased bearing area for better ground pressure distribution. The angled edges make the system lighter and easier to handle, improving overall efficiency without compromising strength or durability. The system features three SafetyTech Outrigger base pads, four steel tubes, and a SafetyTech top pad with an integrated steel plate. The interlocking design ensures stability, with machined grooves and



Both configurations are designed for outrigger floats up to 18 in. (457 mm) in diameter, ensuring versatility across a wide range of applications.

-DICA, https://dicausa.com

## Product

## Showcase

## **Coatings & Sealers**

#### **EucoTilt WB**

Euclid Chemical EucoTilt WB is a water-based bond breaker that is designed to enhance the efficiency, quality, and sustainability of tilt-up concrete construction. It contains no wax or hydrocarbon resins—ensuring compatibility with post-applied coatings and preventing staining or adhesion issues. It is a microemulsion featuring an ultra-small particle size, which offers more uniform film formation on a casting slab, allowing even distribution of active ingredients. This product complies with all U.S. Environmental Protection Agency (EPA) and local VOC regulations. EucoTilt WB works well as a cure coat, meeting the moisture-retention properties of ASTM C309, "Standard Specification for Liquid Membrane-



Forming Compounds for Curing Concrete," when applied to hard-troweled surfaces prepared according to CEN/TS 14754 for curing compounds. The chemical reactivity with free lime in concrete enhances wash-off resistance to rain and foot-traffic abrasion, ensuring long-lasting performance.

—The Euclid Chemical Company, www.euclidchemical.com

#### **MAPEFLEX MS 55**

MAPEI MAPEFLEX MS 55 is a hybrid adhesive and sealant with a high modulus of elasticity, ideal for both interior and exterior applications. This product combines silicone and polyurethane systems to offer multiple benefits, including easy application and smoothing, use on damp or wet surfaces, and a long service life. As an adhesive, MAPEFLEX MS 55 has a strong initial tack and final mechanical strength. As a sealant, it works well for filling joints, cracks, and fissures on floors or walls. In addition, it can be painted and is able to prevent the passage of air, water, heat, dust, or noise. The product is compatible with drinking water and has no risk of staining on absorbent surfaces. It has minimal emission of volatile organic compounds (VOCs) and is available in white and gray, in 290 mL (10 fl. oz.) cartridges for application with a spray gun, and 100 mL (3 fl. oz.) tubes to be extruded with one hand.

-MAPEI, www.mapei.com/us

#### Rapid Set Crystal-Clear Non-Sag Sealant & Adhesive

CTS Cement has expanded its Rapid Set® Non-Sag Sealant & Adhesive product line with a crystal-clear formulation. This product enhances the aesthetics and longevity of projects by preventing yellowing or cracking over time. Using silane-terminated polyethers (STPs), this formulation ensures a service life of 10 to 15 years. Rapid Set bonds to both damp and dry substrates without bubbling. It is fast-curing, low-odor, and low-VOC, making it ultraviolet (UV)-resistant and stable in lower temperatures. It is suitable for use with various substrates, including asphalt, concrete, steel, polyvinyl chloride (PVC) pipe, aluminum, fiberglass, foam, fiber-reinforced polymer (FRP), membranes, masonry, rubber, wood, and glass. The product has a crystal-clear finish that will not turn opaque when tooled, is ideal for a variety of both indoor and outdoor projects, and performs well in extreme temperatures, resisting cracking and degradation. Crystal-Clear Non-Sag Sealant & Adhesive is available in 10 fl. oz.cartridges.



—CTS Cement Manufacturing Corporation, www.ctscement.com

#### **Baxxodur EC 151**

BASF and Sika have jointly developed an amine building block for curing epoxy resins, which is commercially available under BASF's Baxxodur® EC 151 brand. This development works well for flooring applications, for example, in production plants, storage and assembly halls, and parking decks. Baxxodur EC 151 gives epoxy resin flooring solutions a low viscosity and optimum flow properties. As a result, the coatings are easy to apply and spread evenly. It also allows for greater use of mineral fillers, which not only lowers costs but also contributes to sustainability. Epoxy resin coatings formulated with Baxxodur EC 151 cure quickly and thoroughly over a wide temperature range. This extends their applicability during colder months of the year, especially at temperatures between 5 and 10°C



(41 and 50°F). The cured epoxy resin products are characterized by an aesthetic, glossy surface. Clouding, which is caused by haze formation, is avoided. This product creates color stability and is resistant to mechanical and chemical influences.

- —BASF, www.basf.com/us
- —Sika Corporation, https://usa.sika.com

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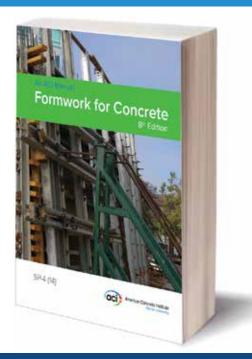


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