

Each month MSC's product section features items from all areas of the steel construction industry. In general, these products have been introduced within the past six months. If you're looking for a specific product, visit MSC's online product directory at [www.modernsteel.com/products](http://www.modernsteel.com/products). You can browse by product category or search on any term to help find the products you need, fast.



## Bring the Drill to the Beam

The Atra Ace Automatic Drill from Nitto Kohki is a high-productivity solution for medium-volume and irregular-shaped beam drilling. Because operators can bring the drill to the beam, rather than moving the beam to the drilling line for processing, it enables fabricators to efficiently drill holes in applications unsuitable for a CNC beam drill line. An efficient and cost-saving improvement over manual drilling machines, one operator can use two or more of these automatic drills simultaneously, positioning one while another is in the process of drilling. Available in five models, these drills are equipped with variable automatic feed with a dual sensing controller and produce holes up to 2 $\frac{7}{16}$  in. diameter and cutting depths to 3 in.

For more information visit [www.nittokohki.com/tools](http://www.nittokohki.com/tools) or call 800.323.8828.



## No-solvent Parts Cleaner

The Bio-Circle parts cleaning system from Walter Surface Technologies is a safe, efficient and sustainable "green" cleaning technology. It eliminates hazardous chemical waste by combining a powerful blend of surfactants with specialized microorganisms cultured for bioremediation. It uses a patented cleaning solution called Bio-Circle L, which is not only a powerful cleaning agent capable of removing the toughest grease, but also is completely safe for workers and the environment. The system cleans aggressively and breaks down oil, grease, and other hydrocarbon contaminants into H<sub>2</sub>O and CO<sub>2</sub>. Available in three sizes, the cleaning system saves time and money and allows industrial manufacturers to practice environmental stewardship and gain a new competitive advantage.

For more information visit [www.biocircle.com](http://www.biocircle.com) or call 800.522.0321.

All products submitted are considered for publication, and we encourage submittals related to all segments of the steel industry: engineering, detailing, fabrication, and erection. Submit product information via e-mail to Tom Klemens ([klemens@modernsteel.com](mailto:klemens@modernsteel.com)). To be included in MSC's online products directory, contact Louis Gurthet ([gurthet@modernsteel.com](mailto:gurthet@modernsteel.com)).

## Asset Management Tracking Tool

Dexter + Chaney's Spectrum Equipment Service System electronically collects asset-management data for a company's heavy equipment, including equipment hours, fuel usage and maintenance, for improved equipment costing and management. Recording accurate equipment hours eliminates the time and hassle of manual data collection and results in accurate and reliable asset-management information. The system alerts fuel truck drivers when preventive-maintenance tasks are due and records the maintenance activities when performed. The system includes three main components. The Equipment Monitor, a small device attached to each piece of machinery, records operating hours and idle hours and relays that data each time the equipment is fueled or serviced. The Field Master—mounted in a fuel truck or service vehicle—collects data from individual equipment monitors via wireless RF signal, displaying and logging information on a touch-screen. The Fuel Controller captures gallons of fuel dispensed to each piece of equipment, enabling the company to track use and reduce fuel theft.

For more information visit [www.dexterchaney.com/spectrum/ess/](http://www.dexterchaney.com/spectrum/ess/) or call 800.875.1400.



## Welding Fume Extractor

Designed specifically for welding, the FILTAIR 130 from Miller Electric Manufacturing Co. provides a high level of fume filtration in a light and portable package for intermittent welding applications. Single filter is manually cleanable, using compressed air, and captures particles down to 0.1 micron in size. Many competitive products capture only 0.4-micron particles, even though 90% of welding fume particulates are between 0.1 and 0.4 microns. The unit's variable speed 1hp motor filters up to 132 CFM at just 68.5 decibels, making it one of the quietest units available. An 8-ft collection hose is standard; 17- and 34-ft hoses are available options. All connect to funnel or slotted nozzles or a fume extraction welding gun.

For more information visit [www.millerwelds.com](http://www.millerwelds.com) or call 800.426.4553.



## Rollerbeds for Workpiece Handling

ESAB Welding & Cutting Products has added new conventional and self-aligning rollerbeds to its line of automated handling equipment products. The new rollerbeds are available in North America and replace the company's previous turning roll products. They are grit-blasted with a polyurethane finish coating to endure abrasive environments and feature solid-state inverter technology for precise speed control to ensure welding accuracy. The rollerbeds are available in a variety of sizes and driver/idler rail bogie versions. Depending on the project, fabricators can choose from conventional rollerbeds with load capacities from 2.5 to 60 tons or self-aligning rollerbeds with load capacities from 2.5 to 50 tons. ESAB Canada will stock the new rollerbeds at its Mississauga, Ontario, and Edmonton, Alberta, warehouse facilities for distribution throughout North America.

For more information visit [www.esab.ca](http://www.esab.ca) or call 877.935.3226.



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