

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.

## Process Controller for Automated Welding Systems

ESAB Welding & Cutting Products' A2-A6 Process Controller PEK system is adapted for use with many of the company's automatic power sources and can be used for submerged arc welding, GMAW welding and arc gouging. The control system is connected to the power source via a control cable and incorporates a CANbus system for data transfer. Designed for ease of use, the system uses a clear text menu and a large display to keep the user informed about main parameters such as current, voltage and travel speed. Manual control keys for wire feed and travel direction allow fast access to frequently used settings. Turn knobs allow easy adjustment of wire feed speed, voltage and travel speed during the process. The welder can pre-set welding parameters by selecting them and turning the setting knob. Up to 255 different parameter sets, including secondary conditions, can be stored and used during the welding process. PEK allows the user to define limits for the settings as well as for the measured parameters and will alert the user if the weld parameters move outside the allowed limits. A USB slot allows the user to file all settings and configurations, so valuable production data can be restored within minutes. Security is provided by three-level user accounts.

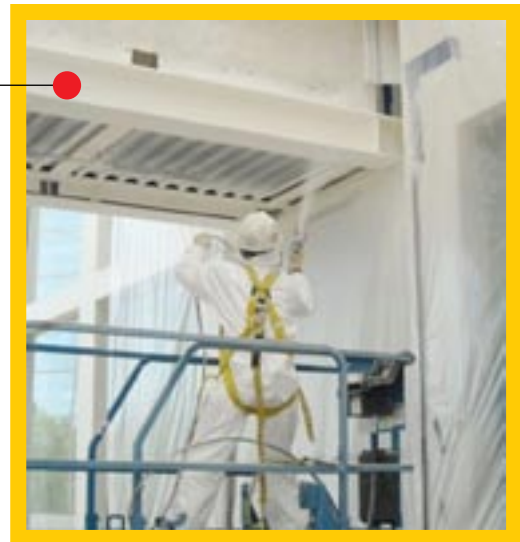


For more information, visit [www.esabna.com](http://www.esabna.com) or call 800.372.2123.

## Spray-on Fire Protection

Hilti's new Fire Protection Steel Spray CFP-S WB is a water-based, low VOC solution designed to help protect load-bearing steel through an intumescent coating in indoor applications. Tested to ASTM E119 for up to 4-hr rating, common uses include wide-flange steel columns, HSS columns, restrained and unrestrained beams and steel floor and form unit. The product features a reduced dry time, which helps increase productivity due to a shorter interval between coats. Available in white, in a 55 lb pail, infinite color options are possible with approved topcoats.

For more information, visit [www.us.hilti.com](http://www.us.hilti.com) or call 800.879.8000.



## Torch Height Control

The new ArcGlide THC torch height control from Hypertherm achieves performance benefits in plasma cutting without operator input, unlike traditional torch height controls that require operators to periodically adjust arc voltage to ensure proper cut height. The ArcGlide is engineered to continuously sample and automatically adjust the arc voltage, optimizing consumable life and offering the ability to nearly double the number of parts cut per hour. The system also yields better overall cut quality and improved consistency.

For more information, visit [www.hypertherm.com](http://www.hypertherm.com) or call 800.643.0030.

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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)).