

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. You can browse by product category or search on any term to help find the products you need, fast.

Air-Cooled TIG Torches

Weldcraft's air-cooled CS125A and CS200A lightweight torch bodies minimize welder fatigue while providing reliable welding capabilities. Both feature the company's exclusive D-Handle design, allowing users to orient the torch by feel and improving overall torch control. Their air-cooling capacity eliminates the need for—and expensive of—complex water-cooled systems, and increases portability for field applications. The CS125A is rated at 130 amps DC, 100 amps AC, at 60 percent duty cycle. The CS200A TIG torch provides 200 amps DC or 150 amps AC welding capacity at 60 percent duty cycle.

For more information visit www.weldcraft.com or call 800-752-7620.



High Capacity SAW Power Source

The new TAF 801/1251 square wave AC power sources from ESAB Welding & Cutting Products are for submerged arc welding in various applications. Designed to be used with the fully digital PEK controller, these high capacity AC power sources convert the secondary voltage to a square wave arc voltage with excellent arc strike characteristics and good welding properties, especially when using heavy solid wire. Other features include no arc blow, high productivity using a multi-electrode system, capacity for continuous welding, pre-setting of arc voltage, reliable square wave striking and compensation for mains voltage fluctuation and voltage drop over long welding cables. These power sources come prepared for communication using most standard protocols including TCP/IP (LAN), Anybus, Profibus, CAN or even straight communication with a PLC.

For more information go to www.esabna.com or call 800-372-2123.

Accurate and Simple Measurement

The Zipllevel PRO-2000 Precision Altimeter, from Technidea Corporation, replaces rotary lasers, allowing one person to work alone to set up in seconds, leveling and measuring precision elevations directly in digits without math, line-of-sight, error with distance or factory calibration. Zipllevel measures with 0.050-in. precision over 40 vertical ft and a 200 ft circle on a single set up and covers unlimited ranges (differential levels) without tabulation or calculations. The jobsite-rugged Zipllevel operates from -22 °F to +158 °F (-30 °C to +70 °C) for up one year of typical daily use on a single 9V battery, reducing costs and boosting profits in all phases of construction including estimation, excavation, fabrication, installation, maintenance and inspection.

For more information, go to www.zipllevel.com or call 800-805-5383.



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). To be included in MSC's online products directory, contact Louis Gurthet (gurthet@modernsteel.com).

Rugged RFID System for Fabricators

International Coding Technologies Inc., Lynnfield, Mass., offers a rugged RFID identification system for steel fabricators. It uses a single Steel-Code tag combining human readable format with a barcode and RFID all on one label. This label is sealed in a ruggedized, watertight, dust proof plastic unit that is permanently attached to the steel structure, allowing it to track the item from its creation to the jobsite while withstanding the rigors of a construction environment. TrackCon, a PC-based system, uses the data from the Steel-Code tag to provide management with complete product identification and tracking through the entire process from drawings, to customer, to job site. This gives management a system to report and manage in real time. In addition to enhancing the fabricator's bottom line, it also allows the steel fabricator to provide added value to its customers.



For more information visit www.ictrfid.com or call 978-212-7014.



Coordinate Scheduling Tool for Revit

The Excitech Revit Toolkit is a new set of additional utilities developed and published by UK-based Excitech to increase the benefits users get from Revit technology. The first part of this toolkit is the Coordinate Scheduling tool, a powerful enhancement for Revit Architecture, Revit Structure and Revit MEP, that enables users to automatically acquire precise X, Y and Z coordinates from specific Revit objects. This allows users to more rapidly produce schedules of, for example, piling and services, as well as to publish coordinates for complex geometry across 3D space.

The Revit Coordination Scheduling tool is currently only available for the Revit 2010 platform and 32-bit operating systems, and is compatible with Microsoft Windows XP and Vista. A 64-bit version will follow shortly. The Excitech Revit Toolkit including the Coordinate Scheduling tool is now available to download for free from the Excitech website.

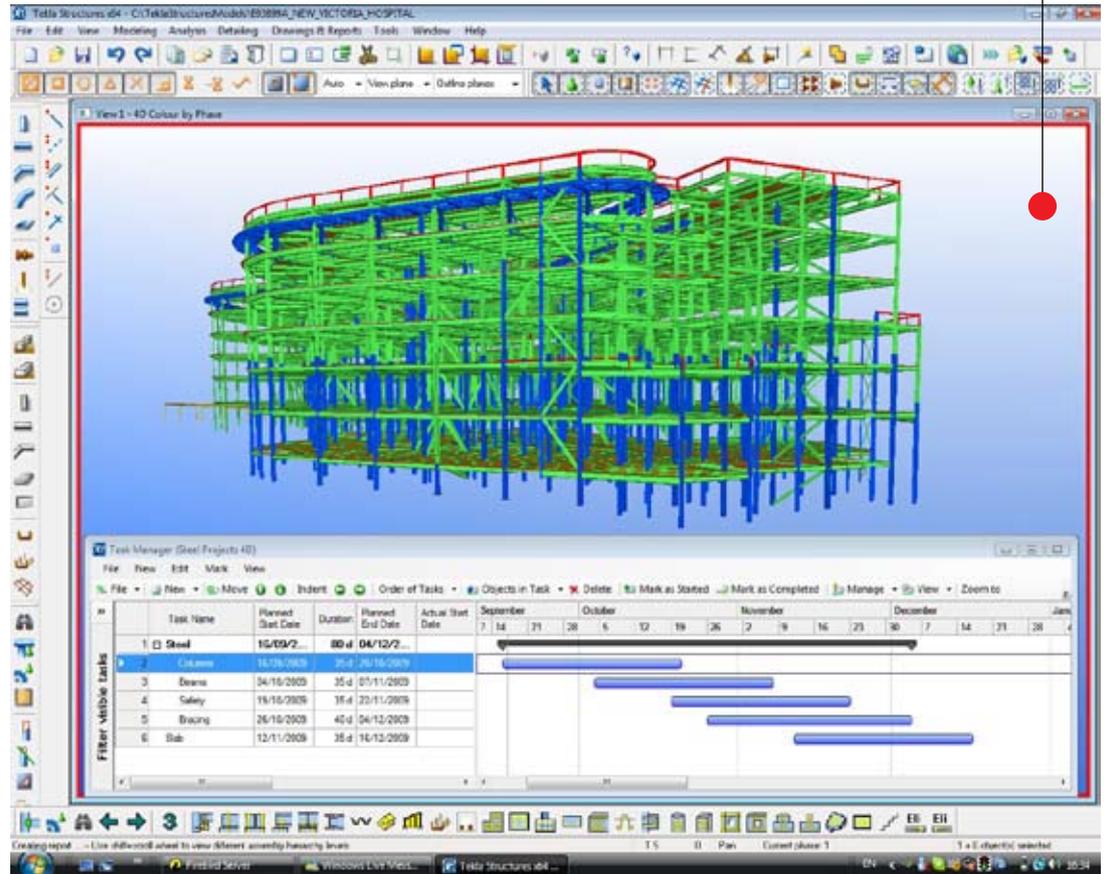
For more information, visit www.excitech.com/toolkit.

Steel Fabrication Status in 3D Model

Steel Projects, a French company specializing in integrated steel fabrication systems, has developed an interface between Tekla Structures (Building Information Modeling software), its WinSTEEL and WinSER PLM (product life cycle management software), and Ficep's steel fabrication machinery. Originally added to Tekla Structures to benefit construction site management, this new interface allows adding the "fourth dimension," time, to the 3D model for steel fabrication, too.

All steel processing information for a project can be taken from the Tekla model, imported into the WinSTEEL software for the management and routing of steel parts to Ficep machinery, and then imported back to Tekla Structures software from WinSER for the visualization and tracking of assemblies' fabrication status in 3D. All fabrication data is exchanged between the software in XML format. The visualization in Tekla Structures includes illustrative coloring for different stages of fabrication, and the color-coded model is easy to review and share between the project team over the Internet using a free Tekla Structures Model Reviewer application. The interface works from Tekla Structures version 15.0 and WinSER version 6.5 onward.

For more information, call 877-835-5265, or visit www.tekla.com or www.steel-projects.com.



Light-up Cords for All Weather

RAPTOR outdoor heavy-duty cords feature ends that illuminate when the cord is connected to a power source, so you always know when you have power. They are built to meet demanding OSHA regulations and have a water-resistant and flame-retardant jacket with superior flexibility and that is crack-resistant jacket in cold weather (tested in temperatures below 40°F), making these cords perfect for engine block heaters and electric snow blowers. Available in 50 and 100-ft lengths, exclusively through Ferguson.

For more information, visit www.raptortool.com.