

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.



Heavy-duty Magnetic Drilling Machine

CS Unitec's new magnetic drilling machine, the MAB 1300, is designed for continuous use in heavy-duty applications. Its powerful 20 amp, 110V double-insulated, reversible motor is ideal for drilling structural steel and other metals. The versatility of the 4-speed oilbath gearbox (30-550 rpm) allows drilling of holes from $\frac{7}{16}$ in. to $5\frac{1}{8}$ -in. diameter with annular cutters. Capabilities include large-hole tapping up to $1\frac{5}{8}$ in. diameter; twist drilling up to $1\frac{3}{4}$ in. and reaming up to 2 in. The unit's integrated automatic cooling/lubrication system reduces cutter friction and wear. The high-density, three-coil magnet has a holding strength of up to 23,600 lb, providing the pulling power required for heavy-duty drilling. The drill weighs 112 lbs. and is equipped with an eye-hook for lifting with a hoist.

For more information, visit www.csunitec.com or call 800.700.5919.

High-performance Fastener Coating

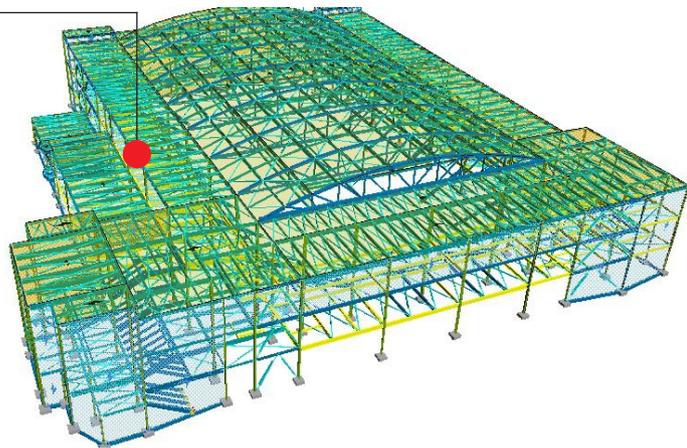
ZnCoat technology from NOF Metal Coatings North America Inc. and Curtis Metal Finishing Company is a zinc-rich coating for ferrous metals that offers advantages for high strength fasteners when compared to electroplated zinc. The finish is entirely chromium-free (no hexavalent or trivalent chromium), and provides superior corrosion resistance with a thin film, without risk of hydrogen embrittlement. Continuous release of the corrosion inhibitors in the product throughout the life of the coating provide a self-repairing mechanism: If a coated fastener is abraded during installation, zinc oxides and carbonates form at a controlled rate at the damaged area, sealing the breach in the coating and restoring barrier protection. ZnCoat is applied to steel parts through a non-electrolytic dip spin coating process that is intrinsically free from the risk of hydrogen embrittlement. The product is applied under license by Curtis Metal Finishing at locations in Sterling Heights, Mich., and Machesney Park, Ill.

For more information, visit www.zncoat.com or call 586.939.2850.

Steel Building Design Software

Fastrak steel building design software from CSC provides the flexibility needed for the variety of project types and delivery methods required in today's market. This software provides the design, documentation and BIM interoperability for both simple and complex structures. The latest release of Fastrak includes enhanced synchronization with Autodesk Revit Structure and Tekla Structures offering true BIM interoperability. In addition, Fastrak's ability to model complex geometries has gone a step further with the addition of automated modeling of 3D space trusses including curved space trusses. Quality documentation is provided including calculations, drawings, material lists, connection forces, and column schedules, all from a single model.

For more information, go to www.cscworld.com, call 877.710.2053, or visit booth 1237 at the 2011 NASCC: The Steel Conference.



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