BELOW IS A SELECTION of innovative products that will be featured at this year’s NASCC: The Steel Conference. This year’s exhibit hall features nearly 200 exhibitors demonstrating a wide range of products. You’ll find fabrication equipment, detailing software, connection products, safety equipment, engineering software and coatings. The exhibit hall is open from April 18–20.

Revit Integrator
Structural engineering software developer and Autodesk Industry Partner CSC has launched its new integration software, Revit Integrator. This free solution allows structural engineers to synchronize models between Autodesk Revit Structure and CSC’s steel building design software, Fastrak. It facilitates two-way integration with Revit Structure by highlighting any amendment made during the synchronization process, enabling engineers to react to changes quickly and reduce the risk of errors.

For more information, go to www.cscworld.com, call 877.710.2053, or visit Booth 209 at NASCC.

Metal 3D
Software developer CYPE will showcase its structural analysis and design offerings at NASCC. One of its programs, Metal 3D, performs 3D structural calculations of steel and other materials and can redesign a frame model for maximum optimization.

For more information, visit www.cype.com/en, call 202.569.8902, or visit Booth 722 at NASCC.

Project Management Software
Design Data’s SDS/2 software solutions enable the entire project team to collaborate efficiently and communicate vital information using a central building information model. This discipline-driven family of software products allows users to analyze structures, design connections and detail steel. Design Data will demonstrate the SDS/2 Erector, which tracks and records site planning and erection progress electronically to keep the project on schedule.

For more information, go to www.sds2.com, call 800.443.0782, or visit Booth 501 at NASCC.

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

APRIL 2012 MODERN STEEL CONSTRUCTION
Fabrication Equipment

Fab-Line Machinery offers a full line of fabrication equipment and specializes in press breaks, shears and plasma machines. The company is a U.S. importer for Baykal, a global manufacturer and supplier of sheet metal working machinery, based in Turkey. Fab-Line will showcase model APH 3106 x 120 of Baykal’s Hydraulic Press Break at NASCC.

For more information, go to www.fab-line.com, call 630.587.0505, or visit Booth 1128 at NASCC.

Plate Processing and Drilling Systems

Ficep Corporation will be exhibiting two new products at NASCC. The company will introduce its new Gemini 36 HD plate processing system for drilling, milling, scribing, slotting, oxy-fuel cutting and beveling of plates for weld preparation, as well as the Excalibur 12 single-spindle drilling system for milling, scribing and slotting.

For more information, go to www.ficepcorp.com, call 410.588.5800, or visit Booth 1321 at NASCC.

3D Pipe Cutting

HGG Profiling Equipment introduces the ProCutter 600, specifically designed for cutting complex piping constructions up to 24 in. in diameter. In addition to cutting sophisticated pipe profiles at an affordable price, the machine’s accuracy provides additional cost savings by reducing grinding, fitting and welding time after pipe profiles are cut. ProCutter 600 supports on-board MDI programs and building information modeling (BIM) software.

For more information, go to www.hgg-group.com, call 330.461.6685, or visit booth 1029 at NASCC.
Modular Transporter for Heavy Loads

Holland Platform Dollies from HMR Supplies are designed to transport 300-ft pipe and can be designed to mesh with a variety of product and facility needs, including crane-less facilities and modular assembly lines for the structural steel industry. The units have interchangeable saddles that are designed for each particular product, and the wheels and axle configuration can be customized for the specific indoor and outdoor conditions where the self-propelled modular transporter (SPMT) will be used.

For more information, go to www.hmrsupplies.com, call 641.585.3630 or visit Booth 201 at NASCC.

Ergonomic Studwelder

New Rule Products introduces its Ergonomic Studwelder, which allows ironworkers to place ferrules and studs and weld studs from the standing position. Value-added benefits include increased safety, efficiency and quality while decreasing the likelihood of injuries, compensation claims, stud failures, repairs and in-place costs. The company also offers a weld-site analyzer with high/low trip off.

For more information, go to www.newruleproducts.com, call 636.946.2627, or visit Booth 736 at NASCC.

Semi-Automatic Wire Feeder

Lincoln Electric will be exhibiting its Activ8 portable wire feeder for construction, pipe-welding, offshore and shipbuilding operations. Its modular design is designed specifically for 8-in. spools and is light enough to carry around the construction site. The product is compatible with any DC, CV and/or CC power source.

For more information, go to www.lincolnelectric.com, call 888.355.3213, or visit Booth 901 at NASCC.

Industrial Lubricant

Hougen Manufacturing introduces its new RotaFoam Cutting Fluid for use on all types of metals and metalworking applications. This industrial-strength lubricant contains super-sticky properties that enable the foam to adhere to metal and stay on longer. The blue-colored foam allows the user to see where they’re spraying and assure thorough coverage. It can be used with annual cutters, taps, drills and more.

For more information, go to www.hougen.com, call 800.426.7818, or visit Booth 1016 at NASCC.
**Beam Drill**

Ocean Machinery will introduce its Ocean AVENGER Plus beam drill line at NASCC. The line can process multiple structural steel profiles, including beams, columns, angle, plate, channel and tube up to 52 in. by 850 lbs per ft. This versatile CNC drill eliminates all manual hole layout and features an automatic tool changer station with eight tools. It can scribe detail layout for welded attachments and uses CAD detailing software.

For more information, go to www.oceanmachinery.com, call 800.286.3624, or visit Booth 1301 at NASCC.

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**Electronic Data Interchange Systems**

Radley Corporation brings to the shop floor the latest in rugged handheld mobile computing and barcoding for the steel industry. In addition to showing how computer technology is used for inventory management in the steel industry, Radley Corporation will demonstrate just how easy it is to error-proof steel shipments and track assemblies at the job site, even in the harshest of environments.

For more information, go to www.radley.com, call 616.554.9060, or visit Booth 513 at NASCC.

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**Fabrication Software and Equipment**

Peddinghaus will exhibit three new products at NASCC. The Raptor CAD/CAM Software package for Peddinghaus machines expands upon the user-friendliness of existing Peddinghaus programming software, while adding an array of features for faster part programming. The company will also introduce the Peddblast, a fully customizable blast cleaning system for fabricators. Ease of maintenance and longevity are the key ingredients to the system's design; common sizes range from 50-in.-wide to 126-in.-wide openings. The third new product is the PeddiWriter CNC layout marking machine, which allows for 4-axis layout marking of structural profiles using proven Hypertherm plasma ArcWriting technology.

For more information, go to www.peddinghaus.com, call 815.937.3800, or visit Booth 1201 at NASCC.