

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.



Fine Finish

The WE9-125 Quick 5" angle grinder is built with vario constamatic (VC) electronic speed stabilization, making it ideal for heavy operating conditions such as grinding and finishing metals and other materials. Metabo's VC electronics constantly monitor the current in the motor adding voltage as load increases, keeping the tool running at optimum speed.

A soft start feature extends longevity of both the motor windings and gears. The WE9-125 Quick grinder also incorporates Metabo's "CoolFlow" technology with repositioned carbon brushes for unrestricted airflow and a fan that pulls 35% more air through the tool to keep it running cooler during operation significantly extending tool life. In addition, the grinder features an aluminum die-cast housing to help with heat dissipation and provide increased durability. Weighing only 5.4 pounds, this lightweight grinder features a secure "racket" grip and dual grip zones for comfortable, ergonomic handling. The tool's anti-vibration side handle absorbs up to 60% of the vibration and, coupled

with its excellent balance, allows the operator to hold the tool longer, resulting in fatigue-free operation.

For more information visit www.metabousa.com or call 800.638.2264.

Speedy Signatures

CoSign electronic signature software from Algorithmic Research produces a signature record for every signature it captures. This Portable Signature Format (CoSign PSF) allows anyone to seamlessly verify and retain proof of identity, intent, and document integrity without costly, complicated, or proprietary software. Product features include the following:

Graphical signatures- Before the document is sealed, CoSign will add the user's graphical signature (wet-signature). This enables a smooth transition from "rational" signatures to an electronic system.

Multiple signatures- Allows for multiple digital signatures on the same document.

Batch (bulk) signing- With high throughput, CoSign can digitally sign millions of documents; making it an ideal solution for bulk signing needs such as eInvoicing & eArchiving.

Extensive 3rd party application support- Works with many standard applications including Microsoft Word, Excel, Adobe Acrobat and many more.

Sign any document type- Using OmniSign you can add digital signatures to any document type; even a proprietary format. OmniSign will convert any document into a signed PDF file.

Synchronizes with standard user management systems- The CoSign digital signature solution will work within your existing infrastructure, and is easy to use and manage.

Scalability- Scalable from a few signers to several million users, and will work in your existing authentication environment.



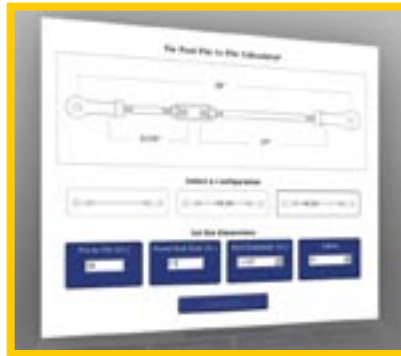
For more information visit www.arx.com or call 415.839.8161.

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

Rod and Clevis Calculations Made Easy

Portland Bolt and Manufacturing Company has released a Tie Rod Length and Clevis Calculator (www.portlandbolt.com/tools/tie-rod-calculator/) for use in construction and structural steel applications. The tool allows users to simply enter the overall tie rod assembly length and diameter to determine individual rod dimensions and the appropriate clevis size. Tie rod shop drawings often specify an overall length from the center of each clevis pin, without detailing the required individual rod length. This tool quickly estimates rod lengths for three different tie rod configurations. Whether the assembly is a standard two clevis rod or clevises with a turnbuckle and different rod lengths, this tool will calculate the dimensions quickly and accurately.

For more information visit www.portlandbolt.com or call 800.547.6758.



Tight Integration

Aimed at structural engineers and based on technology acquired by Autodesk from Robobat, Autodesk Robot Structural Analysis Professional 2010 software is tightly integrated with Revit Structure software for building information modeling (BIM), allowing engineers to more seamlessly analyze complex structures. The software is multiregional, incorporating more than 15 languages and addressing more than 60 design codes for the structural engineer to analyze multiple structure types, including buildings and bridges, as well as civil and specialty structures. Structural analysis features include advanced automeshing and modeling capabilities, faster dynamic solvers, and integrated reinforced concrete design and structural steel design modules. Embracing BIM, the software incorporates a powerful and flexible user interface with rich 3D collaboration and bidirectional links between Revit Structure, AutoCAD Structural Detailing, and Revit Extensions to help simplify communication and collaboration across project phases and extended teams, which can help to save time and reduce errors. It can produce faster results in minutes versus hours, with nonlinear and dynamic algorithms for the most demanding and complex structures. As a result, engineers can more easily analyze different design analysis alternatives and make early improvements to the way their projects look and perform in the real world.

For more information visit www.autodesk.com or call 415.507.5000.

