

Automate your assembly processes

"Poka Yoke" your fastening processes with the new CP Posco 500



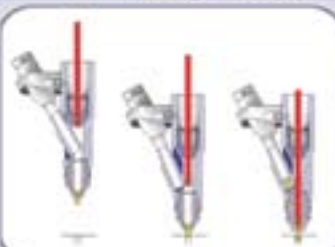
- Consistent fastening quality regardless of operator
- Plug and play dramatically reduces training and set up times
- Works with CP's complete line of pneumatic and electric tools.

Say goodbye to cable constraints with Cooper Live Wire



- Safety critical fastening tools with cordless flexibility
- Up to 10 tools can be run from a single controller
- Amazingly light-weight Li-ion battery gives up to 1000 cycles per charge

Weber feeding systems handle tough fastening applications



- Unique internal bit mechanism reduces cycle times
- The most complete line of screw, nut, stud and pin insertion systems
- Handheld or fixtured; single or multiple spindles



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hydraulics • electrical motion • vacuum • industrial power tools

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CONTROL RELIABLE ENERGY ISOLATION & AIR ENTRY

Air Preparation with Series DM²TMC Solenoid Operated 3-way valve



- Pre-Engineered panel mounted design
- 100 % dynamic onboard self-contained monitoring
- Includes electrical reset valve and status indicator switch

For more information, call
1-800-263-6835
www.vickers-warnick.com



Stoney Creek, Mississauga, Waterloo, Windsor & Rochester

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CAD Chronicle

Design with surfaces or solids

Delcam has released Delcam Designer, an add-on to its ArtCAM software that allows users to work with any combination of 3D surfaces and/or solids, and add ArtCAM reliefs to create decorated pieces that would otherwise be very hard to model. Dynamic surface morphing enables users to bend, pull, twist and sculpt designs in software, while ArtCAM will machine the finished model.

delcam.com

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Manufacturing process management software



Notixia has introduced manufacturing process management software to help extended enterprises to gather, manage, share and optimize their proprietary engineering knowledge as an extension of their existing PLM principles. The MPM software is said to address the product life-cycle value chain and fill in the gap between marketing (specifications and requirements management), engineering (CAD/PDM), manufacturing and production (enterprise resource planning).

notixia.com

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Siemens Teamcenter unifies PLM software architecture



Siemens PLM Software has announced Teamcenter 2007 software, the latest version of its PLM digital platform and software portfolio. Including a complete service-oriented architecture (SOA), easy-to-use interface and comprehensive end-to-end PLM solution set, Teamcenter 2007 is said to significantly lower the total cost of ownership for PLM technology and establishes a single source of product and process knowledge. A manufacturing process management (MPM) module has also been introduced (click video button for demo).

siemens.com/teamcenter

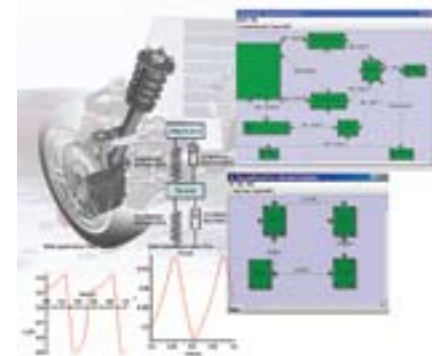
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Math modeling, simulation

Maplesoft has released DynaFlexPro 3.0, a Maple package used to model and simulate the kinematics and dynamics of mechanical multibody systems. A Project Manager user interface guides users through the model development process while an Equation Builder Assistant walks users through the process of converting the model description to equations that describe the motion of the system.

maplesoft.com/dynaflexpro

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Shader authoring tools

Dassault Systemes has teamed up with graphics technologies companies NVIDIA



IA Corp. and mental images to extend sophisticated shader technology to Dassault products CATIA, ENOVIA and DELMIA for users in the style and digital mock-up review processes. The shader functionality is said to span user skill levels from CAD user to technical artists with no programming experience.

3ds.com

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Machining simulation



NCSIMUL from Spring Technologies is a machining simulation application for debugging, optimizing and running machining programs for NC machine tools. The program's problem-solving capability is said to boost the cost-effectiveness of not only programming, but also tooling selection, clamping methods, tools and attachments, machine-tools and the time devoted to the NC process by all the people involved (click video button for demo).

brt-solutions.com

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