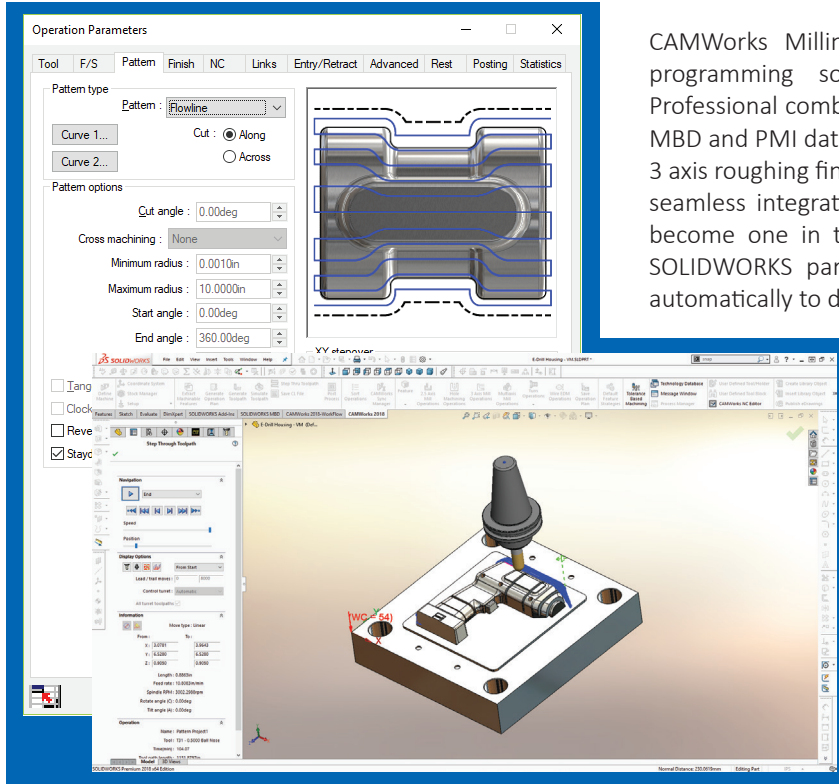


CAMWorks® Milling Professional Program Smarter, Machine Faster



CAMWorks Milling Professional provides the most advanced 3 axis CNC programming solution available for **SOLIDWORKS®**. CAMWorks Milling Professional combines feature & knowledge based machining, the ability to read MBD and PMI data, including surface finish symbols, and a full suite of advanced 3 axis roughing finishing routines... into a single easy to use system. Thanks to its seamless integration with SOLIDWORKS, the design and manufacturing model become one in the same. All of the CAM data is stored directly inside the SOLIDWORKS part and assembly files and the CAMWorks toolpaths update automatically to design changes!

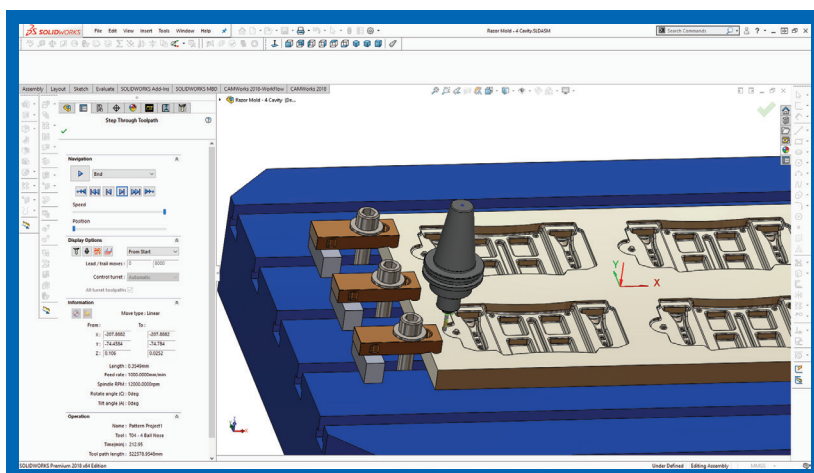
CAMWorks seamless integration and automation are just two of the reasons SOLIDWORKS selected CAMWorks to power the new SOLIDWORKS CAM included in every new seat of SOLIDWORKS and all of the SOLIDWORKS CAM data is fully compatible with CAMWorks.

Parts that took hours to program can now be programmed in minutes using the innovative technology found only in CAMWorks. CAMWorks Milling Professional is the ideal solution for 3 axis milling and mill-turn CNC programming professionals.

SOLIDWORKS, CAMWorks, and VoluMill, have improved our time flow in R&D and given us an edge in terms of tooling and productivity.

Matt Moseman- Product Specialist, Ringbrothers

CAMWorks® Milling Professional at a Glance



- Advanced 3 axis rough milling capabilities including rest machining, 2.5 axis VoluMill, and 3 axis adaptive milling for high speed machining
- Advanced 3 axis finish milling cycles including Z-level (waterline) machining, Flat Area, Pattern Project, Constant Step-over, Pencil Milling, and Curve Project for engraving on 3D surfaces
- Additional milling capabilities including scallop machining, rotary, and undercut milling and more!
- Turning and Mill-Turn included
- Tolerance Based Machining (reads MBD/PMI data)
- Automatically reads all SOLIDWORKS CAM data!



CAMWorks is the most advanced CAM solution available and is fully integrated within SOLIDWORKS. CAMWorks uses the same SOLIDWORKS geometry to generate tool paths to ensure that the part you've modeled is the same part you machine. CAMWorks seamless integration and automation are just two of the reasons SOLIDWORKS chose CAMWorks to power the new SOLIDWORKS CAM and all of the SOLIDWORKS CAM data is fully compatible with CAMWorks.

CAMWorks is easy to use and easy to learn!

Some of the other benefits of CAMWorks include:

- As much as a 90% reduction in programming time
- Up to 80% reduction in cycle time
- Capture Your Best Practices- and Knowledge Based Machining to automate CNC programming
- Promote standardization and consistency
- Reduces time-to-market for new products and avoid rework and scrap.
- Increase your profit, reduce delivery time, and improve your quality!

CAMWorks Solutions:

- **CAMWorks Standard**- Full 2.5 axis part and assembly milling, 4 & 5 axis indexing, rotary and undercut machining, Automatic Feature Recognition, Feature - Knowledge- & Tolerance Based Machining, and full 2 axis turning with sub-spindle support, for CNC lathes.
- **CAMWorks** - All of the CAMWorks Standard features and... advanced 3 axis rough & finish milling and Mill-Turn capabilities.
- **CAMWorks Turning Professional**- All of the CAMWorks Standard features and... CAMWorks Mill-Turn capabilities, Sync Manager for synchronized machining, and Virtual Machine Standard for machine simulation.
- **CAMWorks Premium**- All of the features in all of the systems listed above... and advanced 4 & 5 axis

About CAMWorks

CAMWorks the next generation best-in-class CNC programming solution that enables users to program smarter and machine faster was originally introduced in 1997. This state-of-the-art solids CAM product is designed for product-oriented manufacturing companies, and is available for machining centers, turning, mill/turn, and wire EDM applications. CAMWorks® with Machining Intelligence is the most advanced CAM programming software available for getting products to market faster, more efficiently, and within budget.