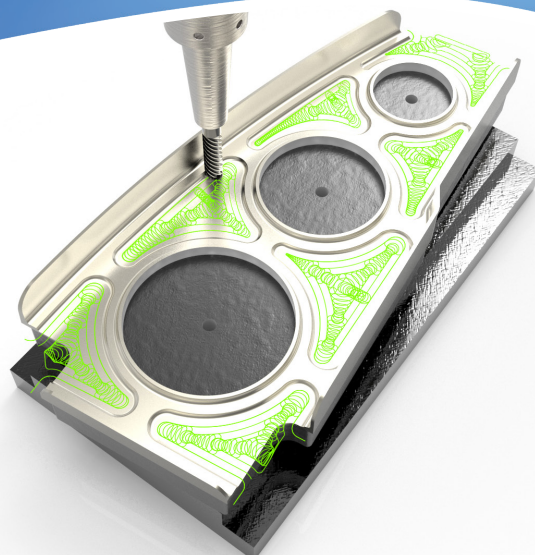


PowerMILL 2015

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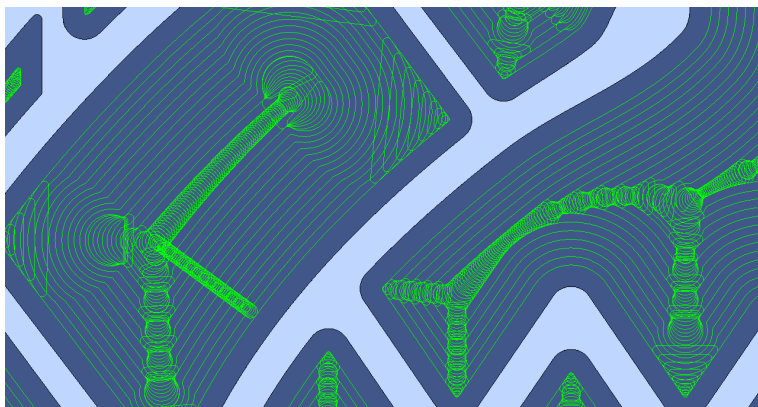
- Make light work of heavy machining

PowerMILL 2015 enables you to machine parts faster than ever before whilst maintaining superior part quality. Increased automation and enhanced easy-to-use toolbars allow you to go from CAD model to finished part quickly and accurately.

Whether you require efficient micromachining roughing strategies for small parts, or high-speed removal rates that maintain accuracy on large aerospace components, PowerMILL 2015 can handle it all.

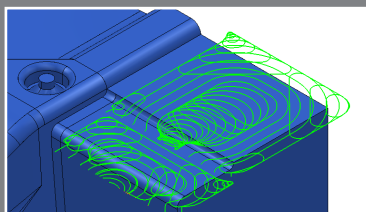
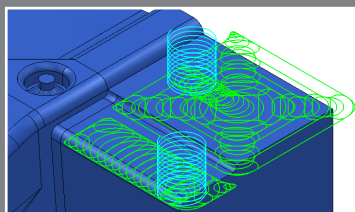
New features and enhancements include:

- Vortex Improvements
- Machine Tool Collision Checking
- Tool Axis Through a Pole
- Automatic Angle for Raster Finishing
- Curve Editor Improvements
- Single Lift on Roughing Moves
- Strategy Selector GUI Improvements



BEFORE

AFTER



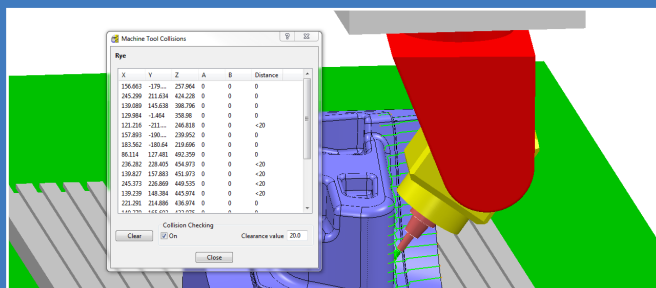
Vortex

Approach flats from outside stock and increase feed rates on non-cutting moves to dramatically decrease machining time with the Vortex roughing strategy.

Machine Tool Collision Checking

Collision checking of machine tools now includes 'near misses', which are highlighted in yellow when the machine tool comes within your specified clearance value.

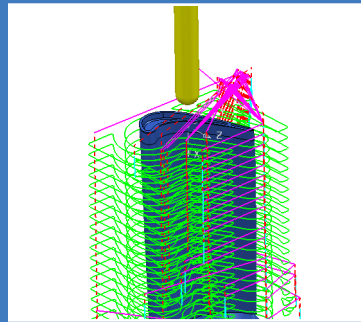
*Cost option of Advanced Simulation and Verification Module



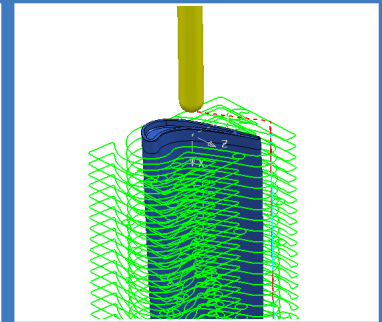
Single Lift On Roughing Moves

Benefit from more efficient Offset All roughing toolpaths with fewer lifts per slice, down to one where applicable.

BEFORE

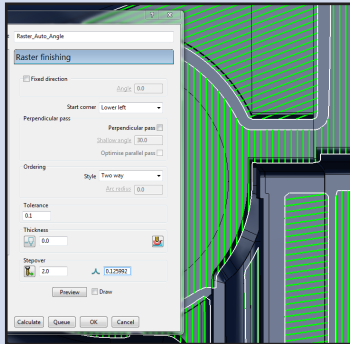


AFTER



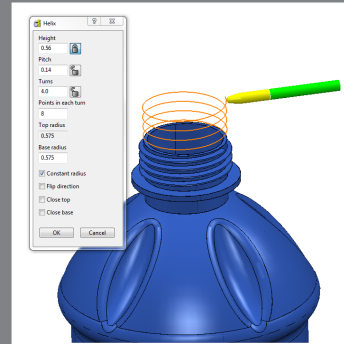
Automatic Angle For Raster Finishing

You can now let PowerMILL automatically determine the most appropriate angle for each region when raster machining.



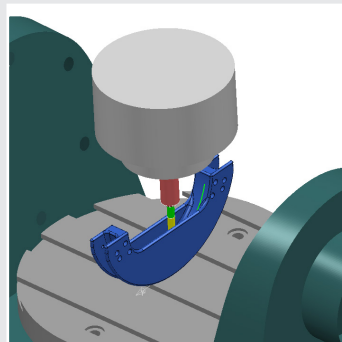
Curve Editor Improvements

Three new curve creation modes; Ellipse, Spiral, and Helix (3D Spiral), are now available within the curve editor toolbar.



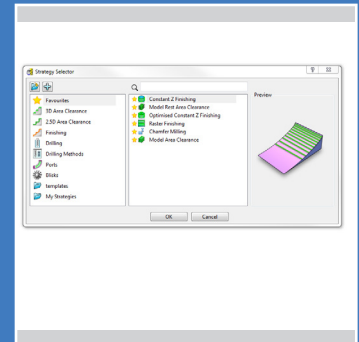
Tool Axis Through A Pole

You can now specify what information PowerMILL uses to distribute toolpath points that avoid the machine tool's gimbal lock.



Strategy Selector GUI Improvements

Create and manage custom templates more easily with a new GUI. Favourites can be added or removed by a single click.

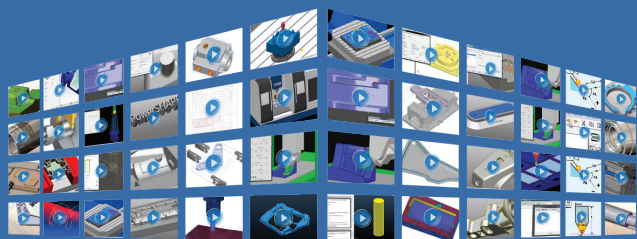


PowerMILL gives us the confidence to run our parts first time on our 5-axis machines.

Brian Kerkstra, Paragon D&E
www.delcam.tv/paragon-powermill

For more information about PowerMILL, visit www.powermill.com

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