

# FOR IMMEDIATE RELEASE:

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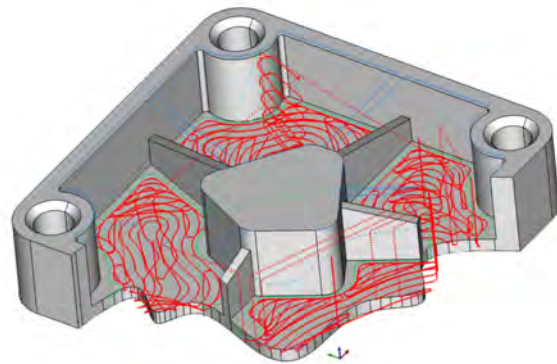
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## BobCAD-CAM, Inc. Releases New High Speed Pocketing, Revolutionizing Performance & Efficiency for Shops Everywhere

**Clearwater, Florida, March 25, 2009** – BobCAD-CAM software has released a new high speed pocketing addition to their core CAD-CAM software that provides a revolutionary approach to pocket machining, allowing the manufacturer to take full advantage of their machine's true capabilities. By removing the stop and go movements of the cutting tool and fully optimizing the load that a tool experiences in pocketing, the toolpath allows the cutting to be smooth and constant, resulting in a significant reduction in cycle time and reduced wear on the cutting tool. The increase in productivity will make any shop more profitable and more competitive in today's challenging markets.

Built on the world class VoluMill™ toolpath technology from Celeritive Technologies, Inc. this new high speed pocketing toolpath strategy offers many benefits that separates itself from standard offset pocketing algorithms that include support for open ended pocketing. In terms of intelligence, the toolpath automatically adapts to open sides of the pocket to start your tool off the part while still maintaining the constant material removal strategy and minimizing plunging into the material. The toolpath calculations automatically adjust whether to use a slot milling or side milling strategy to optimize the cycle times. Users can force side milling only for harder materials to avoid burying the tool in the material. This added intelligence means that the feed rates for each movement of the toolpath are optimized, so if the tool is traveling over an area that has all ready been cut, the tool can be lifted and moved at a much higher feed than what is programmed to be used during cutting.



The feed rates during the cut are optimized to ensure constant efficient material removal and when the tool is nearly the size of the pocket that is trying to be machined, the toolpath automatically adjusts its strategy for machining the tight spaces.

With standard parallel offset pocketing, using over 50% of the tool will typically result in left over material still un-machined that needs to be removed with secondary operations. The high speed pocket toolpath requires no special operations to handle using over 50% of the tool diameter for the cut amount. Lastly, clean up operations can be applied, which means the user is given the option to come back and automatically clean up areas that were left from a larger tool. Again, the same constant material removal algorithm applies to the cleanup optimizations.

For additional information on the new BobCAD-CAM High Speed Pocketing – Powered by VoluMill™, contact their office at 877-262-2231 or visit [www.bobcad.com](http://www.bobcad.com). You can receive a live demo by contacting them or a downloadable demo directly from their website.

**ABOUT BobCAD-CAM, Inc.** – For more than 23 years BobCAD-CAM has provided global manufacturing industries complete CAD-CAM software for design as well as CNC Milling, Turning, Routing, Water Jet and Laser. Included in their product list is 2 & 4 Axis Wire EDM, Nesting and advanced ART software. These software products are supported by training seminars, on-site, in-house and training video products.

**ABOUT Celeritive Technologies, Inc.** – Celeritive, a leading developer of advanced technologies that enable maximum productivity from existing machining hardware, is the creator of VoluMill™, the patent-pending toolpath engine. For additional information, visit <http://www.volumill.com>