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On June 15, we have finally released the new version SolidCAM2008 R12. With more than 100 new features, SolidCAM2008 R12 is the most powerful CAM software we ever provided to our users. Our enhanced Automatic Feature Recognition and Machining capability (AFRM) supports now also Automatic Recognition and Machining of multi-level closed and open pockets in a solid model. The new version offers an extended tool table for Milling and links in addition to external tool management systems. We have also added many new CAM operations and functionalities:

- New 2.5D Milling Operations (Face Milling, T-Slot and 3D Contour)
- New combined strategies for High-Speed Machining
- Sub-Operations for 5-axis Simultaneous Machining like Swarf Milling and Impeller Machining
- Combined Solidverify and Machine simulation
- Associativity and Machine simulation for Mill-Turn

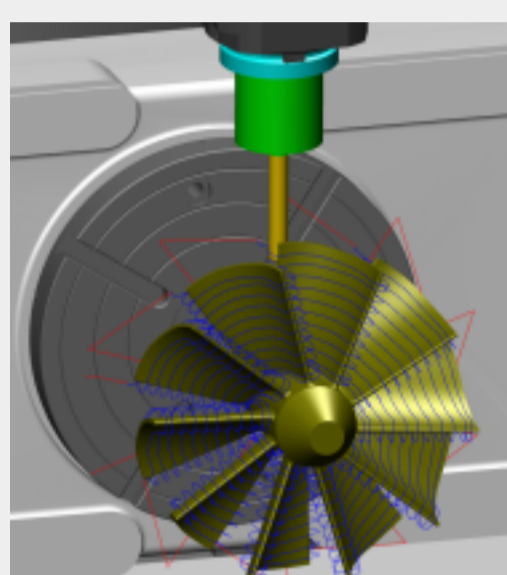
A main focus of SolidCAM2008 R12 is to increase the productivity of the user by:

- More ease-of-use by a new user interface for Milling and Turning (*see article below*)
- More automation by the usage of "Templates" (*see left column*)

SolidCAM2008 R12 is a good example of the tight cooperation between us, our users and our resellers, that contribute significantly by important enhancement requests. On one hand, the implementation of these requests enhanced our functionality strongly. On the other hand, the development had to be extended, which finally caused a delay in the version release. Currently we are working on important additional features which will be implemented in the next version SolidCAM2009 R12.1. This version will be released in October 2008 in parallel with SolidWorks2009.

Emil Somekh  
Managing Director  
SolidCAM Ltd.

**SolidCAM2008 R12 released**



SolidCAM2008 R12 provides "Operation Templates" that are useful to simplify the repetitive tasks in the CNC programming. Operation data can be saved as a template and loaded for a new operation of the same type. Also a series of operations, that execute a specific machining task, can be combined as a "Process Template". Thus a complete process of technological operations can be stored and applied for the machining of similar cases.

[See video introduction ...](#)

**Upcoming events**

- [DMS, Tokyo \(Japan\), Jun 25-27](#)
- [SolidCAM Summer Academy, Brno \(CZ\), Jul 7-11](#)
- [IMTS2008, Chicago \(USA\), Sep 8 - 13](#)
- [AMB, Stuttgart \(Germany\), Sep 8 - 13](#)

**SolidCAM infos**

- [Start SolidCAM feature tour](#)
- [Order free Demo CD](#)

**New user interface for SolidCAM2008 R12**

SolidCAM2008 R12 offers a new enhanced interface for Milling and Turning operations, which increases the productivity of the user. In the new interface the single-page dialog box of the previous interface is divided into a number of pages, each handling a specific set of parameters such as Geometry, Tool, Levels, Technology, Link, ...



The list on the left side of the dialog box enables the user to switch between the different parameters pages. If he wants, he can switch between the new and the previous familiar single-page interface through the SolidCAM settings.

[See video introduction...](#)

**SolidCAM in MicroMilling**

Kulicke & Soffa is the world's leading supplier of semiconductor assembly equipment, high precision bonding and dicing tools and materials. They produce capillaries for the ultra fine and standard pitch bonding, wedges for gold and aluminum wire, dicing blades, resistivity probes and material handling products.



The subsidiary in Yokneam Elite, Israel, manufactures dicing tools using Haas CNC machine tools. To generate the G-Code for the micro parts in the size of 0,5 - 2 mm, very small cutter tools need to be used. To prevent the breaking of the tools, the material should be touched with the tool's tip, which can be better managed by 5 axis simultaneous strategies rather than by profiling operations. Therefore Kulicke & Soffa decided to introduce SolidCAM+SolidWorks as the combined solution for Micromilling. After half a year experience with the system, Dan Mironseko, Manager of the Engineering department, summarizes: "We are using successfully the full suite of the SolidCAM milling modules, including 2.5D Milling, 3D Milling, High-Speed Machining and 5-axis simultaneous Machining. The High-Speed Machining module especially helped us to improve the finish quality of the products and to reduce the wear on the cutters".

[More about Kulicke & Soffa...](#)