

NCG CAM – Simultaneous 5-Axis Add-on Module

NCG CAM simultaneous 5-axis module is an add-on to the base module of NCG CAM. It does not run as a standalone product.

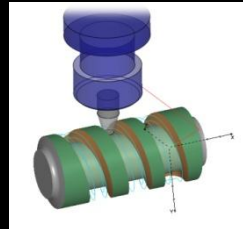
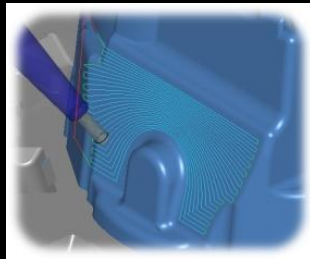
Simultaneous 5-axis allows the use of shorter, more rigid cutters for higher feed-rates and optimised machining time. All toolpaths have automatic collision prevention for both cutter and tool-holder.

The 5-axis is aimed at finishing operations, supporting cutter types -ball-nose, flat bottomed, bull-nosed, taper cutters.

Due to the complexity of many 5-axis toolpaths, the passes and linking are performed as a single operation. The 5-axis also needs to see the surfaces and any curves as NURB's.

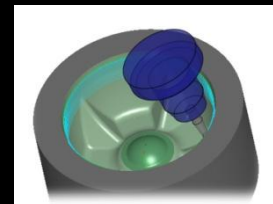
Main features include:

Advanced 5-axis Toolpaths for Mould & Die Machining

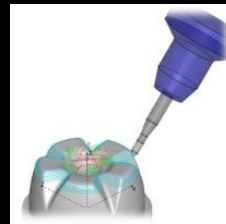


4-axis Swarf Machining

Morph Surface Machining

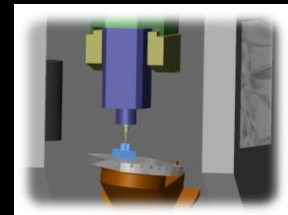


Parallel Cut Surface Machining



Automatic 3 to 5-axis Conversion

Simulation



For more information, download our product brochure from our website: www.ncgcam.com

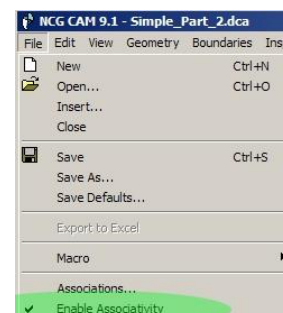
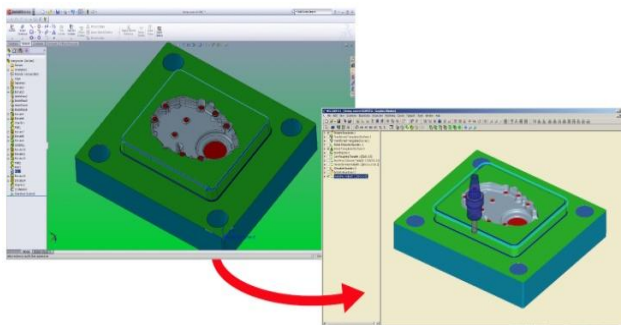
NCG CAM Achieves SolidWorks Certified CAM Partner Status

Cambridge, UK Feb. 18th 2010 — NCG CAM Solutions Ltd announced that NCG CAM is now a SolidWorks Certified CAM Partner product to support SolidWorks® 2010 3D CAD software.

As a SolidWorks Certified CAM Partner Product, NCG CAM allows users to open SolidWorks parts directly. NCG CAM detects when a SolidWorks file has been changed and the user can then update the toolpaths that have been generated in NCG CAM.



‘Engineers don’t have time to worry about software complexity or the problem of integrating data between separate applications,’ said Nick Iwaskow, SolidWorks Manager, Alliances. ‘Combining NCG CAM’s CAM capability with SolidWorks 2010 3D CAD enables engineers to focus on innovation, quality, and productivity instead of how to use the software.’



NCG CAM Events

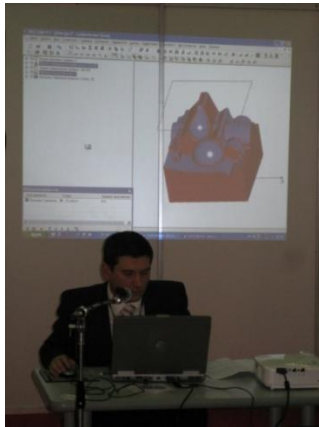
INAS

Modern Art Of Milling,
Timisoara - October 28th 2009

ROMANIA



Open House at
S.C. SANDVIK SRL



Moscow - October 27th - 30th 2009
www.softool.ru
RUSSIA

adroitec

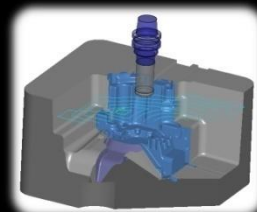
Ahemdabad - December 18th- 20th 2009
www.eventseye.com/fairs/f-engineering-expo-ahmedabad-13640-1.html
INDIA



Demonstration Version Available to Download

A demonstration version of NCG CAM software, is available to download.

The demonstration version of NCG CAM has unlimited usage and while there are restrictions to the machining output, it can also be used in its basic form as a **FREE** .iges viewer.



<http://www.ncgcam.com/demorequest.html>

NCG CAM Enables RP Tooling Ltd to Increase CNC Machining Capacity by 50%

RP Tooling Ltd is a modern, highly efficient toolmaking company based in the heart of the West Midlands, UK. RP Tooling specialise in the manufacture of investment tools, injection mould tools, component manufacture and rapid tooling for a wide variety of industries including aerospace, automotive and commercial markets.

Shorter lead times were required to remain competitive in the manufacturing industry, especially against low cost production offered from toolmakers in Asia. At the same time RP Tooling needed to ensure that they maintained their established reputation for quality.

RP Tooling decided to purchase **NCG CAM** software. Since implementing NCG CAM, R P Tooling have seen the following results:

- ✓ 50% savings on programming and machining time has doubled their CNC machining capacity.
- ✓ Increased profits as a result of reduced processing time and machining errors being reduced to a minimum.
- ✓ Able to provide customers with more comprehensive machining solutions.
- ✓ Able to easily add-on full simultaneous 5-axis option to **NCG CAM** later on, when a 5-axis CNC machine is purchased.



"Our philosophy of providing toolmaking excellence applies right the way through the process from design to final tool delivery, supported in no small way by our experienced personnel. Automated production scheduling, data management and integrated CAD/CAM/CNC systems including NCG CAM backed by high-end IT, allows for efficient tool manufacture, giving our customers the best possible value."

Brett Mitchell, Director RP Tooling Ltd

Machine Complex Parts With Ease



NCGCAM
NCG CAM Solutions Ltd.

www.ncgcam.com

About NCG CAM Standalone 3D HSM CAM Software

NCG CAM HSM CAM software is a stand-alone CAM system that integrates with existing CAD and CAM systems, including Pro/ENGINEER and SolidWorks.

NCG CAM boasts many innovative features. It is suitable for all types of forms, creating an optimised, smooth cutter motion for HSM machining, while helping to extend tool life, minimising wear on the machine tool and producing parts with excellent surface finish.



NCG CAM has a very user-friendly interface, with a typical learning curve of just 1 day required to machine a live job. It is perfect for the high-speed machining of moulds, dies, prototypes and precision surface machining.

SOFTWARE FEATURES:

- ✓ Very user friendly interface – making it suitable for even occasional users
- ✓ **NCG CAM** offers many advanced 3D machining routines, rest roughing & 3 + 2 capabilities for all toolpaths, simultaneous 5-axis add-on module available
- ✓ Fast and efficient roughing strategies, including core roughing
- ✓ Advanced drilling routines – includes automatic hole detection and / or user defined holes
- ✓ All machining routines are fully gouge protected for both the cutter and the tool holder

KEY BENEFITS:

- ✓ Stand alone CAM software that is compatible with **ANY** other CAD package
- ✓ Extremely easy to use with just 1 day training required to machine a live job Ideal for shop-floor programming
- ✓ All post-processors are written in-house
- ✓ Powerful 3D machining
- ✓ Toolpaths are optimised for HSM machining
 - Increased efficiency
 - Reduced wear on machine
 - Extended tooling life

Saves time and money !!

About NCG CAM Solutions Ltd

Established in Cambridge, UK, **NCG CAM Solutions Ltd** provides CAM software solutions, offering all the tools needed to manufacture prototypes, models, moulds, dies, patterns and finished products. Our specialist area is 3D HSM CAM with our product **NCG CAM**.

All of our staff have a wealth of CAM experience, having worked in the CAD/CAM and engineering industry for many, many years. This includes our support team, who have actually worked on the shop-floor using CAM software on live jobs, so are able to provide an excellent back up and support service for the software.

Since establishing in June 2009, NCG CAM Solutions Ltd have a rapidly growing global reseller base, with resellers for NCG CAM in UK, Germany, Italy, Benelux, Slovenia, Slovakia, Hungary, Czech Republic, Romania, Bulgaria, Serbia, Croatia, Poland, Turkey, Greece, Middle East, India, Russia, China, Japan, Korea, Australia, Mexico and across USA.



To contact a reseller, for more product information, or to download a demonstration version of **NCG CAM** visit the company's website www.ncgcam.com. Alternatively contact Estelle Dunsmuir for more information – estelle@ncgcam.com or call +44 (0)1223 863911 / +44 (0)1353 699840.