Precision is not a matter of chance

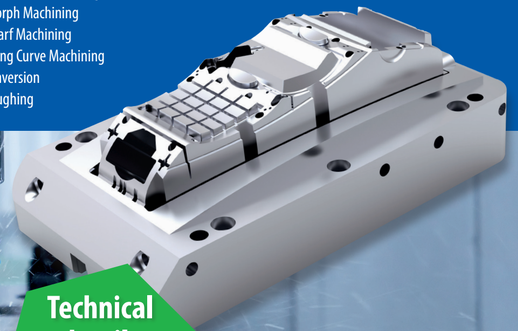
Milling Strategies:
- Core Roughing Passes
- Area Clearance Passes (also with casting allowance)
- Adaptive Clearance Toolpath (trochoidal milling)
- Waterline Passes
- Helical Passes
- Horizontal Area Passes
- Raster Passes & Perpendicular Raster Passes
- Radial Passes
- Spiral Passes
- Morphed Passes
- Along Curve Passes with cutter compensation
- Boundary Passes
- Constant Stepover Passes
- Parallel Pencil Passes
- Rest Roughing & Rest Finishing Passes
- UV Passes
- 3+2 Machining
- Automatic Hole Feature Detection
- Drilling operation
- Numerous functions for editing passes
- Function to help select the best fit Cutter / Holder

Five-Axis (option):
- Five-Axis Parallel Cut Machining
- Five-Axis Morph Machining
- Five-Axis Swarf Machining
- Five-Axis Along Curve Machining
- Five-Axis Conversion
- Five-Axis Roughing

Simple modelling functions:
- Planar Patches
- Ruled Surfaces
- Cap Holes
- Fillet Surfaces

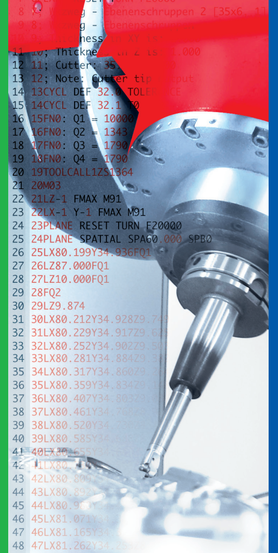
Curves and Boundaries functions:
- Curves extracted from surfaces
- Convert boundaries to curves
- Free hand boundaries
- Silhouette boundaries from selected surfaces
- Rectangular or circular boundaries
- Boundaries from text (true type fonts)
- Theoretical rest areas
- Boundaries from cutter contact areas
- Numerous editing functions

Miscellaneous items:
- Display Curvatures
- Display Draft Angles
- Display Offset between Surfaces / Stock
- Customize Post Processors
- Stock Model
- Machine Simulation (option)



Technical details to download
www.ncgraphics.de/tech

www.ncgraphics.de



NC GRAPHICS
PROFESSIONAL CAM SYSTEMS

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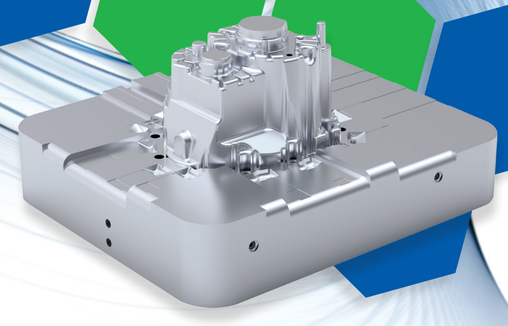
NCG CAM

High End CAM-Software



CAM software for 3-axis, 3+2-axis, and 5-axis machining

What sort of software is this?
NCG CAM is extremely advanced and easy-to-use CAM software. It helps you to implement complex 3-D computer models (CAD) as actual components on your milling machine. It comes from experienced hands, is rapid, simple, innovative, and forward-looking, whether used directly on the shop floor or in a programming office.

Why should customers use this CAM software in particular?
NCG CAM was developed specially by practitioners for practitioners. The program combines very simple handling with perfect results on the machine, and can be learnt within a few days. Short computing times and programming in parallel during the computation makes working quite rapid and flexible.

You benefit from our many years of experience, and our close collaboration with our customers and various tool manufacturers in the further development of the software. The focus is on shop-floor orientated working, so as to give you the greatest possible competitive advantage in the market.

The superior and reliable machining strategies of NCG CAM provide you with excellent milling results. The exceptional process reliability is valued and recommended by our customers throughout the world.

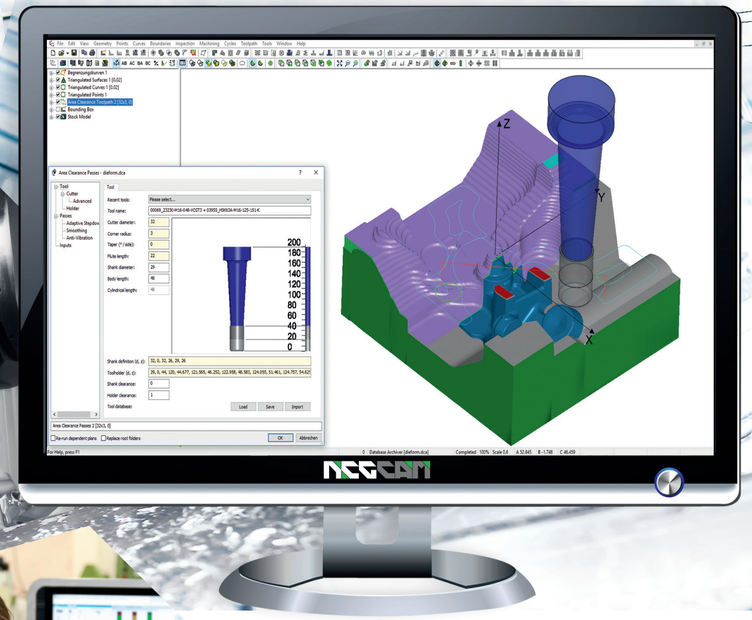
What support does the user receive?
The customer-support system in Germany, with contact persons directly at NC Graphics, permits very rapid response times to your questions. You benefit from the many years of experience of our staff, who can solve almost all your problems quickly and easily via remote maintenance.

NC Graphics is in close contact with its associate NCG CAM Solutions Ltd. in Cambridge, England, where the NCG CAM software is developed. So we have direct influence on the further development of the software, and can introduce new ideas and implement our customers' wishes.

Upgrades of the NCG CAM software to a new version are usually released annually, after all new functions have been tested carefully.

Try out our NCG CAM software!

We look forward to collaborating with you.



We offer training and support
www.ncgraphics.de/support

Try it out now! Download the demo version from
www.ncgraphics.de/demo

The software:
- can be learnt quickly and easily
- is simple to operate
- has short computing times
- with very high process reliability
- uses top-notch machining strategies
- allows shop-floor oriented work

Our approach:
- many years experience in the industry
- stable improvement path
- direct contact persons
- training and support
- user ideas are considered for improvements
- attractive pricing