

PRODUCTS

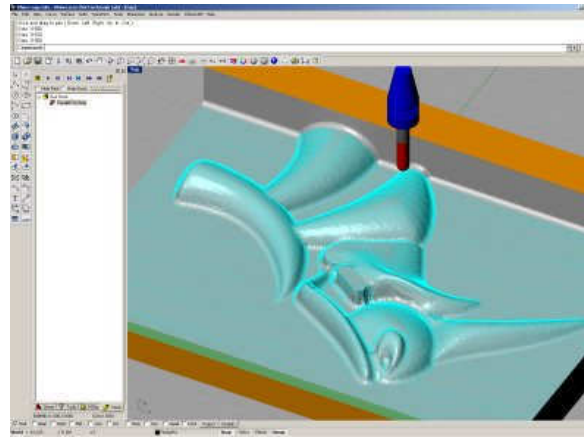
RhinoCAM

RhinoCAM Basic

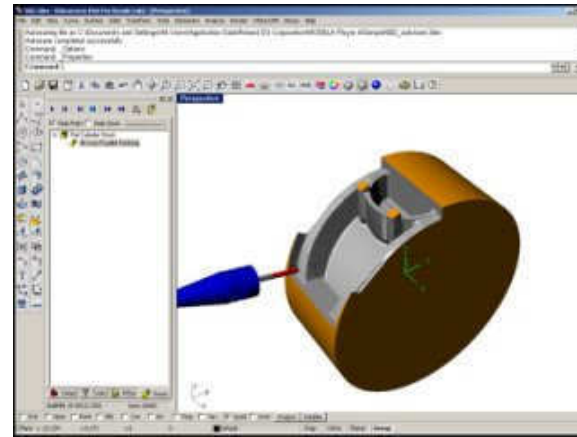
This plug-in is a general purpose machining program for the general machinist. RhinoCAM includes 2-1/2 axis, 3 Axis and hole making operations. It comes with hundreds of post-processors and a post-processor generator to create user definable post-processors. Packed with sufficiently powerful manufacturing methods this easy to use package is not only effective but also attractively priced for the budget conscious or entry level buyer.

RhinoCAM Pro

This powerful package is ideal for mold, die and tooling, wood working rapid-prototyping and general machining markets. This product boasts of powerful toolpath generation strategies coupled with tools for efficiently controlling the cutting tool for detailed machining capabilities, while not sacrificing ease of use. Has all the basic functionality as well as additional features suitable for demanding users with sophisticated manufacturing requirements.



3 Axis toolpath simulation in RhinoCAM



4 Axis toolpath simulation in RhinoCAM

4 Axis Add-On Module

RhinoCAM 4th axis Add-On module can be added on the RhinoCAM Basic product. It is included in the RhinoCAM Pro module. Key features of the product are:

- 4th Axis Indexed Machining
- Continuous 4th Axis parallel roughing and finishing operations
- Continuous 4th Axis Engraving of curves including projection on surfaces
- 4th Axis drilling with sorting
- Advanced 3-D toolpath simulation

NOTE:

RhinoCAM 2.0 is a plug-in that is completely integrated in Rhino 3.0/4.0 and requires Rhino 3.0/4.0 to be installed in order for it to run. It is **not** a standalone application.

RhinoCAM comes in two configurations.

The table below summarizes the toolpath generation features found in **RhinoCAM**.

	RhinoCAM 1.0	4th Axis Add-On	RhinoCAM Pro
2 1/2 Axis Milling			
Pocketing	√	√	√
Profiling	√	√	√
Engraving	√	√	√
Facing	√	√	√
V-Carving	√	√	√
Hole Milling	√	√	√
Thread Milling	√	√	√
Advanced Pocketing			√
Advanced Profiling			√
Re-machining			√
3 Axis Milling			
Horizontal Roughing	√	√	√
Parallel Finishing	√	√	√
Horizontal Finishing	√	√	√
Plunge Roughing			√
Horizontal Re-roughing			√
Plunge Re-roughing			√
3 Axis Pocketing			√
Pencil Tracing , including Flat Mills			√
Valley Re-machining			√
Plateau Machining			√
Steep Area Parallel Machining			√

Steep Area Horizontal Machining			√
Curve Machining			√
Spiral Machining			√
Radial Machining			√
Between 2 Curves Machining			√
Reverse Post Machining			√
Horizontal Hill Machining			√
Toolpath Simulation			
Toolpath Animation	√	√	√
Cut Material Simulation	√	√	√
Advanced Cut Material Simulation		√	√
4th Axis Milling			
4th Axis Indexed Milling		√	√
4th Axis Engraving with Projection		√	√
4th Axis Parallel Roughing		√	√
4th Axis Parallel Finishing		√	√
4th Axis Drilling		√	√
5 Axis Milling			
5 Axis Indexed Milling			√
Tools			
Ball, Flat, Corner Radius, Tapered	√	√	√
User defined cutters			√
Toolpath Editing			
Toolpath Instancing			√
Toolpath Transformations			√
Post-Processor Generator			
User customizable post-processors	√	√	√
User Defined Cycles	√	√	√
Helix Output	√	√	√

Spiral Output	√	√	√
Simulate Cycles	√	√	√
X-pert DNC			
Direct numerical control	√	√	√
MetaCut Utilities			
G-Code Analysis Verification Tool	√	√	√