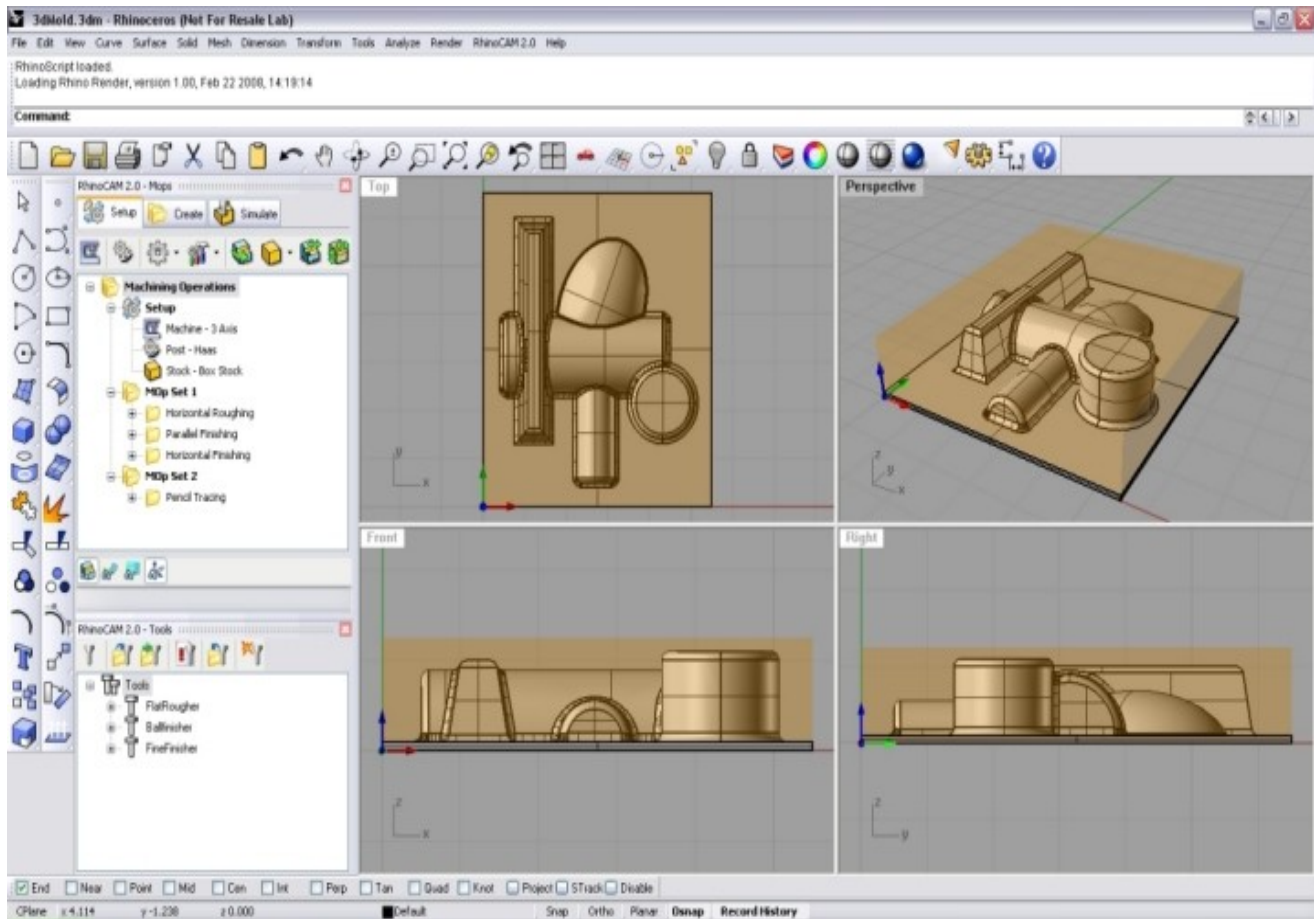


RhinoCAM 2.0

RhinoCAM Standard (STD) 2.0: 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 2.0 - 4th Axis Module: Add-On module can be added on to the RhinoCAM STD product. Allows 4th Axis Indexed and continuous roughing and finishing operations in RhinoCAM STD 2.0. Curve based continuous machining such as 4 Axis Facing, Pocketing, Profiling & Engraving as well as surface/solids/meshes based machining such as Roughing, Finishing and Curve Projection machining are available.

RhinoCAM Professional (PRO) 2.0: 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.

NOTE: RhinoCAM 2.0 is a plug-in that is completely integrated in Rhinoceros 4.0* and requires Rhinoceros 4.0 to be installed in order for it to run. It is not a standalone application. Also note that RhinoCAM 2.0 does not include Rhinoceros 4.0. It will have to be purchased separately.

Rhinoceros 4.0 is a NURBS based 3D CAD modeler that can be used to create, edit, analyze, document, render, animate, and translate NURBS curves, surfaces, and solids and polygon meshes. It supports the following file translators: DWG/DXF(AutoCAD 200x, 14, 13, and 12), IGES, SAT (ACIS), DGN, FBX, X_T (Parasolid), 3DS, LWO, STL, SLC, OBJ, AI, RIB, POV, UDO, VRML, BMP, TGA, CSV (export properties and hydrostatics), uncompressed TIFF, STEP, VDA, GHS, GTS, KML, PLY, SketchUP, SolidWorks.

2 ½ Axis Milling	RhinoCAM STD	4th Axis Add-On	RhinoCAM PRO
Pocketing	✓	✓	✓
Profiling	✓	✓	✓
Facing	✓	✓	✓
V-Carving	✓	✓	✓
V-Carve Roughing	✓	✓	✓
Chamfering	✓	✓	✓
Hole Milling	✓	✓	✓
Thread Milling	✓	✓	✓
Re-machining			✓

3 Axis Milling	RhinoCAM STD	4th Axis Add-On	RhinoCAM PRO
Horizontal Roughing	✓	✓	✓
Parallel Finishing	✓	✓	✓
Horizontal Finishing	✓	✓	✓
Radial Machining	✓	✓	✓
Spiral Machining	✓	✓	✓
Plunge Roughing			✓
Horizontal Re-roughing			✓
Plunge Re-roughing			✓
Projection Pocketing			✓
3D Offset Profiling			✓
3D Offset Pocketing			✓
Pencil Tracing			✓
Valley Re-Machining			✓
Plateau Machining			✓
Steep Area Parallel Machining			✓
Horizontal Hill Machining			✓
Curve Machining			✓
Between 2 Curves Machining			✓
Reverse Post Machining			✓

4 Axis Milling	RhinoCAM STD	4th Axis Add-On	RhinoCAM PRO
4 Axis Indexed Machining		✓	✓
4 Axis Auto Multiple Indexing		✓	✓
4 Axis Continuous Facing		✓	✓
4 Axis Continuous Pocketing		✓	✓
4 Axis Continuous Profiling		✓	✓
4 Axis Continuous Engraving		✓	✓
4 Axis Continuous Finishing		✓	✓
4 Axis Continuous Roughing		✓	✓

5 Axis Milling	RhinoCAM STD	4th Axis Add-On	RhinoCAM PRO
3+2 Indexed Machining			✓
Hole Making	RhinoCAM STD	4th Axis Add-On	RhinoCAM PRO
Automatic Hole Selection, Sorting	✓	✓	✓
Drilling	✓	✓	✓
Tapping	✓	✓	✓
Boring	✓	✓	✓
Reverse Boring	✓	✓	✓
User Defined Drilling Cycles	✓	✓	✓
4 Axis Drilling		✓	✓
4 Axis Tapping		✓	✓
4 Axis Boring		✓	✓
4 Axis Reverse Boring		✓	✓
Toolpath Simulation	RhinoCAM STD	4th Axis Add-On	RhinoCAM PRO
Toolpath Animation	✓	✓	✓
Cut Material Simulation	✓	✓	✓
Advanced Cut Material Simulation		✓	✓
Tools	RhinoCAM STD	4th Axis Add-On	RhinoCAM PRO
Standard Mill Tools	✓	✓	✓
Standard Drill Tools	✓	✓	✓
Form Tools		✓	✓
Tool Holder Collision Detection			✓
Toolpath Editing	RhinoCAM STD	4th Axis Add-On	RhinoCAM PRO
Toolpath Graphical Editing			✓
Toolpath Instancing			✓
Toolpath Arc Fitting			✓
Post-Processor Generator	RhinoCAM STD	4th Axis Add-On	RhinoCAM PRO
User Customizable Post-Processor	✓	✓	✓
Simulate Cycles	✓	✓	✓
Arc Output	✓	✓	✓
Helix Output	✓	✓	✓
Spiral Output	✓	✓	✓
User Defined Cycles	✓	✓	✓
5 Axis			✓
Miscellaneous	RhinoCAM STD	4th Axis Add-On	RhinoCAM PRO
HTML Based Shop Documentation	✓	✓	✓
Knowledge Base			✓
Fixture Offset Programming			✓
Check Surface Boundary Creation			✓
Tool Silhouette Boundary Creation			✓
Tool Double Contact Boundary			✓
Tool Holder Collision Boundary			✓
Utilities	RhinoCAM STD	4th Axis Add-On	RhinoCAM PRO
G-Code Editor & Analysis Tool	✓	✓	✓
Direct Numerical Control (DNC)	✓	✓	✓