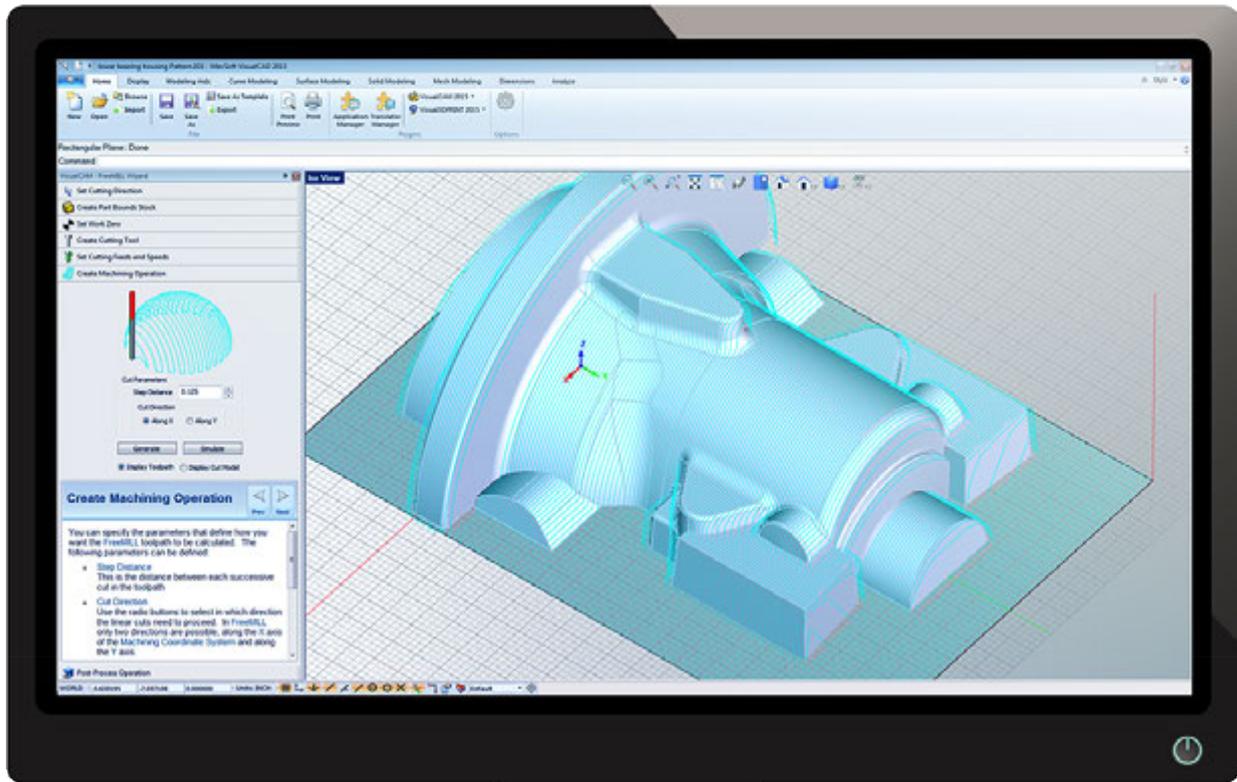# FreeMILL®

FREE CAM software for programming CNC Mills

FreeMILL

FreeMILL – Free CAM Software for programming CNC Mills

FreeMILL, as the name indicates, is a free milling module for programming CNC mills & routers. FreeMILL coupled with our free CAD software VisualCAD, gives you a great entry level CAD/CAM software product that is completely free of cost! Yes, completely free with no time limits, number of tries limit, number of saves limit or lines of code limit! FreeMILL also runs inside Rhinoceros®, SOLIDWORKS® and Geomagic Design®.
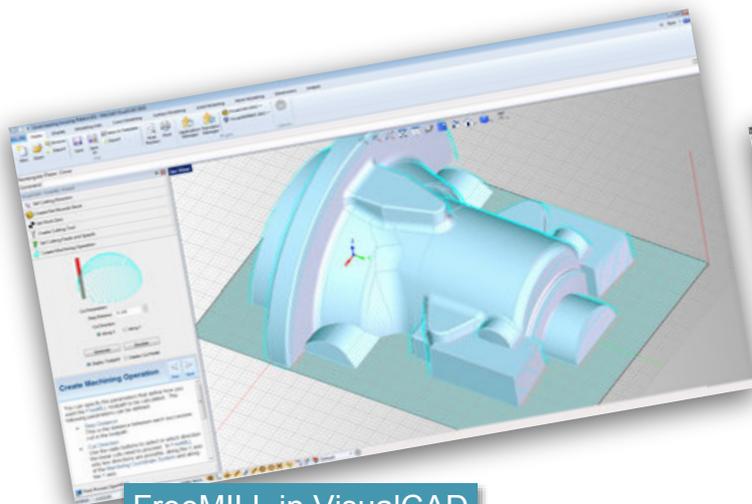
With FreeMILL you will be able to:

1. Create a toolpath where the tool is driven along a set of parallel planes to cut your geometry
2. Run full cutting and material simulation of the toolpath
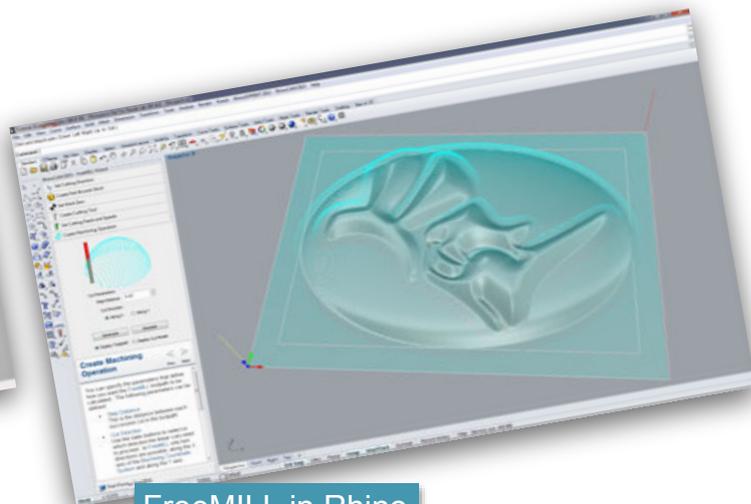3. Output G code to your machine tool of choice

FreeMILL

Features

Cutting Direction	Set tool axis direction to cut part from different orientations
Stock	Create a rectangular box stock to start machining from
Machine Coordinates	Set machine zero to any point on the model
Tools	Create Ball, Flat and Corner Radius Mills
Feeds & Speeds	Set the cutting feeds and spindle RPM to control cutting
3 Axis Milling	Create parallel cuts along the X or the Y direction
Toolpath Simulation	Perform cut simulation to visualize machined part
Post-Processing	Select from over 300 controllers to output toolpaths to

FreeMILL is not a separate product but is a module that is included in each of these products: VisualCAD/CAM, RhinoCAM, VisualCAM for SOLIDWORKS and VisualCAM for Geomagic. FreeMILL thus runs as a plug-in on VisualCAD, as well as other CAD systems such as Rhinoceros, SolidWorks and Geomagic Design.
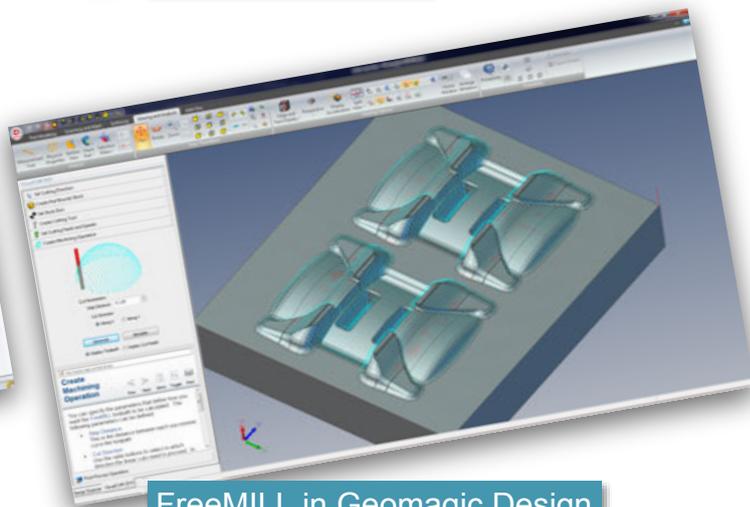

FreeMILL in VisualCAD

FreeMILL in Rhino

FreeMILL in SOLIDWORKS

FreeMILL in Geomagic Design