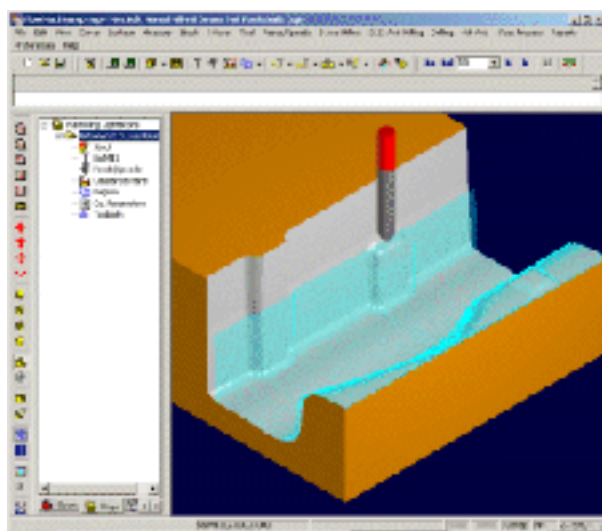


VisualMill 5.0: This powerful package is ideal for mold, die and tooling, wood working rapid-prototyping and general machining markets. This product boasts of powerful toolpath generation strategies coupled with tools for efficiently controlling the cutting tool for detailed machining capabilities, while not sacrificing ease of use. Suitable for demanding users with sophisticated manufacturing requirements.

VisualMill Basic 5.0: This is a general purpose machining program targeted at the general machinist. This product is ideal for the rapid-prototyping, hobby and educational markets where ease of use is a paramount requirement. 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.

Demo downloads are available from the MecSoft website or from the 3DTechnics website.



Available file imports include: **IGES, Rhino, Dxf, Dwg, STL, VRML, RAW, Point Cloud.**

Additional File Formats: **Parasolid format files, SolidWorks (.sldprt), Solid Edge (.par) and A3DS files** (available as an separately priced module)

Cad Creation / Editing Tools	VisualMill	VisualMill Basic
2D and 3D Cad Creation	Yes	Yes
Layers	Yes	Yes
Unlimited Undo	Yes	Yes
Clipboard	Yes	Yes
True Type Font Text	Yes	Yes
Measurement Tools	Yes	Yes
2 1/2 Axis Milling	VisualMill	VisualMill Basic
Pocketing	Yes	Yes
Profiling	Yes	Yes
Engraving	Yes	Yes
Facing	Yes	Yes
Re-Machining	Yes	No
V-Carving	Yes	Yes
Hole Milling	Yes	Yes
Thread Milling	Yes	Yes
Advanced Pocketing	Yes	No
Advanced Profiling	Yes	No
3 Axis Milling	VisualMill	VisualMill Basic
Horizontal Roughing	Yes	Yes
Parallel Finishing	Yes	Yes
Horizontal Finishing	Yes	Yes
Plunge Roughing	Yes	No
Horizontal Re-roughing	Yes	No
Plunge Re-roughing	Yes	No
3 Axis Pocketing	Yes	No
Pencil Tracing , including Flat Mills	Yes	No
Valley Re-machining	Yes	No
Plateau Machining	Yes	No
Steep Area Parallel Machining	Yes	No
Steep Area Horizontal Machining	Yes	No
Curve Machining	Yes	No
Spiral Machining	Yes	No
Radial Machining	Yes	No
Between 2 Curves Machining	Yes	No
Reverse Post Machining	Yes	No
Horizontal Hill Machining	Yes	No
4 Axis Milling	VisualMill	VisualMill Basic
4-Axis Indexed Machining	Yes	No
4-Axis Continuous Rotary Machining	Yes	No
4-Axis Continuous Rotary Engraving	Yes	No
4-Axis Parallel Roughing	Yes	No
5 Axis Milling	VisualMill	VisualMill Basic
Indexing	Yes	No
Hole Making	VisualMill	VisualMill Basic
Automatic hole Selection, Sorting	Yes	Yes
Drilling	Yes	Yes
Tapping	Yes	Yes
Boring	Yes	Yes
Reverse Boring	Yes	Yes
User defined drilling cycles	Yes	Yes
Toolpath Simulation	VisualMill	VisualMill Basic
Toolpath Animation	Yes	Yes
Cut Material Simulation	Yes	Yes
Advanced Cut Material Simulation	Yes	No
Tools	VisualMill	VisualMill Basic
Thread Mill	Yes	Yes
Tool Holder Simulation	Yes	Yes
Form Tools	Yes	No
Toolpath Editing	VisualMill	VisualMill Basic
Toolpath Graphical Editing	Yes	No
Toolpath Instancing	Yes	No
Toolpath Arc Fitting	Yes	No
Post-Processor Generator	VisualMill	VisualMill Basic
User customizable post-processor generator	Yes	Yes
5-Axis	No	No
User Defined Cycles	Yes	Yes
Helix Output	Yes	Yes
Spiral Output	Yes	Yes
Simulate Cycles	Yes	Yes
X-pert DNC	VisualMill	VisualMill Basic
Direct numerical control	Yes	Yes
MetaCut Utilities	VisualMill	VisualMill Basic
GCode Analysis Verification Tool	Yes	Yes