VCarve

VCarve includes the powerful functionality demanded by our users, while remaining affordably priced and incredibly easy to use. The comprehensive drawing and machining tools coupled with the realistic machining simulation allows you to efficiently design and cut the parts you need, getting them right first time.

VCarve comes in two editions **Desktop (£235/€330)** and **Pro (£470/€660)** depending on your requirements. Both versions include a powerful set of functions with the Pro edition offered for larger format machines and more production oriented work. The breadth of features and ease of use make VCarve the choice of many CNC Router manufacturers as the program they include with their CNC's. They know that Vectric software allows their customers to be productive on their new machines as quickly as possible while still offering the powerful features needed to succeed over a longer period.

Full range of 2D Drawing and Editing Tools plus 3D File Import...

- Draw common shapes such as polylines, circles, arcs, rectangles etc.
- Text using all Windows standard fonts + Vectric Single Line fonts
- 2D File Import (DWG, DXF, EPS, AI, PDF)
- Image File Import (BMP, JPG, TIF, GIF)
- Bitmap Image to Vector conversion
- Layer control, Guide lines, Snap Grid
- Single 3D File Import (STL, OBJ, 3DM, SKP etc.)
- Import Multiple Vectric 3D Clip Art Files - Import and Assembly (V3M)

Comprehensive Tool Pathing and Simulation Options ...

- Advanced 2D Profiling with Interactive Tabs/Bridges, Lead and Ramp options
- Pocketing with optimization for 2 tools
- Drilling, including peck-drilling options
- Robust and fast V-Carving (chip carving) and 3D Prism/Bevel toolpaths
- Auto-Inlays with multiple inlay options
- 3D Random Texturing Toolpath
- 3D Roughing and Finishing Toolpaths
- Custom Molding and Form Cutters
- Tiling of toolpaths to cut jobs larger than the machine bed
- Multi-color Toolpath Previews
- Huge range of output options to drive most CNC machines

The Pro edition includes the following additions:

- Work on parts larger than 25" x 25" (635mm x 635mm)
- True Shape Nesting across multiple sheets
- Templates to apply settings to new designs
- Merge Toolpaths
- Job Setup Sheets
- Gadget (scripting) support
- Wrapped Rotary Axis Machining