

Model Styles

Vector Art 3D models are available in 3 styles. All 50 of the models supplied in this collection are provided in all 3 Styles making a total of 150 individual models. The Styles are denoted by a suffix of A, B or C to the file name:

Style A – Raised: Designed to be machined and then cut out. It can then be used as an appliqué or as a product in its own right. If you use a 3D design software package then this style is the best version to use as a component in a more complex layout.



Style B – Dished: the 3D model is on a dished shape which is completely recessed below the surrounding area of the part. This is designed to be cut into a flat surface to add 3D decoration to any flat area.



Style C – Hand Carved Edge: This style is also completely recessed below the main surface so it can be carved into a flat piece of material. The edge of this style has a hand carved effect which works well when machined into wood.



Model Formats and Related Software

V3M Files

V3M files are compatible with **Vector Art 3D Machinist**®. This is a special free software package which can be downloaded from the Vector Art 3D website at <http://www.vectorart3d.com>. The software allows you to create toolpaths to rough, finish and cut-out the models. In addition output can be loaded into VCarve Pro (www.vectric.com) to add additional decoration and text.

PTN Files

PTN files are compatible with the **CarveWright Project Designer**® Software. The file format can be imported directly into the software to create layouts for the CarveWright Carving System. For more information on the machine, file format and how to use it see <http://www.carvewright.com>.

RLF Files

RLF (Relief) files are compatible with all versions of **ArtCAM Pro**® software from Delcam PLC. The files can be used as finished 3D parts or as components in more complex relief designs. For more information on the software see <http://www.artcampro.com>.

STL Files

STL files are a standard CAD (Computer Aided Design) format and are compatible with many software packages. **EnRoute Pro**®, **MeshCAM**®, **DeskProto**® and **MillWizard**® have all been tested and are compatible with Vector Art 3D STL models. You should check with your software company to see if they support the STL. If they do then you will need to know how it can be imported for machining or as part of a more complex design.