



ART Path™ and 3D Autocarve

Q: *Why do I need ART Path software for my router?*

A: ART Path has several functions

1. Unlike vinyl cutting where the tip of the blade is very thin, routers use router bits, which are specialized drill bits to cut thick materials. These router bits have thickness to them, so if you used the original vector path, your final routed graphic would look different from the original. ART Path compensates for the thickness of the router tool by making the original vector shapes larger or smaller.
2. ART Path also allows for the control of the depth of cut (based upon the thickness of the material), speed of cut (go slow in harder materials or thicker materials; go faster in less dense or thinner materials) and rotational speed of the tool.
3. ART Path saves files in the editable Router Toolpath (RTP) file format so you can edit and reuse jobs easily.
4. ART Path offers job templates so you can create a setting for a particular material or application, save those settings, and reuse them instantly for other jobs.

Q: *What is the difference between ART Path and 3D Autocarve?*

A: ART Path generates the basic offsets for the router bits. 3D Autocarve adds a third dimension to the tool paths where the router bit also travels up and down to provide the look of carving when special V-bits are used. 3D Autocarve is much more processor intensive and uses more sophisticated mathematical algorithms to create its results.

3D Autocarve functionality resides in ART Path so you do not have to learn a new program.

Q: *How do I get ART Path software?*

A: ART Path software can be loaded at no additional charge if you are running OMEGA 2.5 or later.

Q: *Is 3D Autocarve also included with OMEGA?*

A: No. 3D Autocarve is an option. Contact your Authorized Gerber Router Distributor for purchase details.