



EnRoute Fabrication is intuitive CAD/CAM software designed to provide an easy way to create and output files for CNC Plasma, Waterjet or Laser. EnRoute Fabrication combines an easy-to-use interface and simplified output process to provide a complete and powerful CAD/CAM solution at a great value.

ENROUTE'S CAD CAPABILITIES MAKE IT EASY TO DESIGN PARTS AND EDIT PARAMETERS

Behind EnRoute's user-friendly interface is a powerful, state-of-the-art CAM program with features that will help you improve your cut quality, increase your machine throughput and reduce your material waste.

CAD DRAWING TOOLS

EnRoute Fabrication offers a logically organized interface and CAD drawing tools that lets you design both visually or parametrically.

CLEANUP AND EDITING TOOLS

EnRoute Fabrication's cleanup tools and editing tools make it amazingly fast and easy to reduce points and remove unwanted contours and intersections to prepare your parts for cutting on a CNC plasma or waterjet machine.

FAST AND EFFICIENT VECTORIZING

EnRoute's vectorization tool --the best in the industry -- converts bitmap images into clean lines ready for resizing or cutting in just one click of your mouse. A real time-saving feature.

KERF COMPENSATION

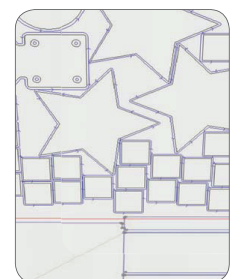
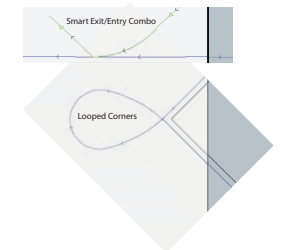
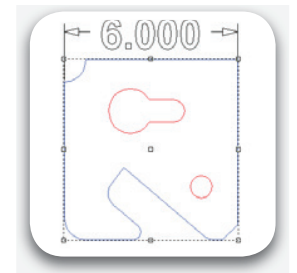
A simple dialog box interface allows you to easily determine what parameters you want to use when cutting and stores the information for easy recall.

CUTTING TOOLPATHS

EnRoute Fabrication includes several advanced toolpathing features, such as **Looped Corners**, and **Smart Entry-Exit Positioning**, designed to optimize efficiency and to provide high quality finished parts.

NESTING SUITE

EnRoute Fabrication simplifies the output process with four nesting algorithms that will automatically position your parts to save material and the **Nesting Optimizer** feature gives you ability to specify the number and priority of parts to be cut prior to nesting.



EnRoute 7 Fabrication Features

	FABRICATION SUBSCRIPTION	FABRICATION	FAB DESIGNER SUBSCRIPTION	FAB DESIGNER
CAD Drawing Tools <i>(Shapes, Text, Offsets)</i>	●	●	●	●
Editing Tools <i>(Weld, Fillet, Point Edit, Cleanup, Trim/Extend, Jigsaw, Cut by Line)</i>	●	●	●	●
Design Tools <i>(Snaps, Move, Scale, Rotate, Dimensions, Measure, Multicopy, Mirror, Align)</i>	●	●	●	●
NEW - Cloud Window	●	●	●	●
Auto Toolpath	●	OPT		
Vectorization <i>(Convert Bitmap to Cut Contours)</i>	●	●	●	●
NEW - Marking & Fill Logics	●	●	●	●
Kerf Compensation	●	●	●	●
Simulation of Kerf Path <i>(2D Simulation, Ortho View, Can Set Output Order from Any Simulation)</i>	●	●	●	●
Drilling and Tapping	●	●	●	●
Saved Templates <i>(Toolpaths, Plate, Kerf Diameter)</i>	●	●	●	●
Smart Ordering	●	●	●	●
Scribing <i>(for part marking)</i>	●	●	●	●
Remnant Creation and Utilization	●	●	●	●
Output to Gcode <i>(one post edit included with software)</i>	●	●		
Advanced Nesting <i>(True Shape, Dynamic, Copy-Nesting)</i>	●	●	●	●
NEW - Selection Method, Enclosed & Touching Lasso	●	●	●	●
NEW - Display Filled Contours	●	●	●	●
Free telephone and e-mail support for current versions	●	●	●	●
Free software updates and upgrades	●		●	

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