



EnRoute simplifies your sign making workflow, taking you from design concept to finished product in less time. EnRoute combines intuitive and easy-to-use design tools with a powerful toolpath engine that output cutting instructions to your CNC machine. From cutting basic letters to intricate 3D architectural signs, EnRoute makes every step in your process easier and faster.

TYPES OF SIGN APPLICATIONS

- Channel Letter
- 2D Dimensional Signage
- Architectural Signs
- Inlays and Push Through
- V-Groove Signs
- 3D Artistic Signs
- Pyramid Letters
- Decorative Engraving
- Awards and Plaques
- Textured Signs

CREATIVE DESIGN FEATURES

- Draw Freehand Using Stylus or Mouse
- Powerful Vectorization Engine Converts Imported Artwork to Line and Contours
- Jigsaw and Weld Tools for Editing Shapes
- Precision Editing Tools
- Advanced Text Editing
- 3D Design and Editing
- Parametric and Rapid Textures
- Ready-to-use Texture Templates

PRODUCTION FEATURES

- Realistic Simulation Reveals Error Before You Cut
- Toolpaths Associated With The Geometry for Fast and Easy Re-Sizing
- Save and Recall Toolpath Strategies for Fast Set-Up
- Customizable Material Library Includes Feed and Speeds Decreases Job Set-Up Time
- Advanced Nesting for Efficient Use Of Materials
- Remnant Creation Saves & Reuses Left-Over Sheets Effectively Reducing Material Waste



Top SAi EnRoute Features

		COMPLETE SUBSCRIPTION	BASIC	PLUS	PRO
DESIGN	Complete Set of 2D CAD and Editing Tools	●	●	●	●
	Graphic Design Tools (Vectorize, Point Cleanup, Distort)	●	●	●	●
	Advanced Text Tools (supports One Line Fonts)	●	●	●	●
	Current 2D Import Filters (DXF, DWG, AI, EPS)	●	●	●	●
	Shape Wizards Including Boxter	●	●	●	●
	Interlocking Component Creator	●		●	●
	Rapid Texture and Rapid Picture	●		●	●
TOOLPATHING	NEW - Drag Knife	●			
	NEW - Statistics	●			
	Advanced 2D Toolpathing and Drilling	●	●	●	●
	3D Engrave Carving, Pyramid Tool, 3D Clean Pass	●		●	●
	Start Point Control, Bridge Editing, Toolpath Distort	●	●	●	●
	3D Relief Surface Cutting, Carve into Surface	●			●
	2D, Ortho and 3D Simulation with Realistic Material	●	●	●	●
3D SURFACING	3D Relief Creation and Editing	●			●
	Textures (Parametric and Bitmap)	●			●
	Symmetric Parametric Texture Panels	●			●
	Vertical Relief Slicing	●			●
	Relief Slicing with Auto Toolpath Mask	●			●
	Mesh Unwrapping for Rotary Cutting	●			●
	2D Mesh Model Stacker	●			●
NESTING	True Shape Nesting (3 Nesting Engines)	●	OPT	●	●
	Block Nesting with Common Line	●	OPT	●	●
	Nest Around Obstructions	●	OPT	●	●
	Create Remnants	●	OPT	●	●
	Multi-Layer Nesting	●	OPT	●	●
	Dynamic "Quick Fit" (Manual Nesting)	●	●	●	●
	Auto Toolpath for DXF Files, Cabinet Programs	●	OPT	OPT	●
	Auto Toolpath Lite for Active EnRoute Files	●		●	●
PRODUCTION	NEW - Order by Line	●			
	NEW - Group/Line Order	●			
	NEW - Advanced Backplot	●			
	NEW - Hot Folder	●			
	On Demand Right Click Training Movies	●	●	●	●
	Save and reuse Toolpaths for fast workflow	●	●	●	●
	Phone and Email Support, YouTube Movies	●	●	●	●
	BackPlot Plugin for Output Verification	●	●	●	●
	Hundreds of Machine Drivers (Posts)	●	●	●	●