EngraveLab

Design and Engraving Software For Laser and Rotary Engraving Systems

EngraveLab is the complete design and engraving software solution aimed at maximizing the potential of laser and rotary engraving systems.

Three unique rotary packages
- EngraveLab Pro.
- EngraveLab Expert
- EngraveLab Foundation

Engravers using laser technology
- EngraveLab Laser
- EngraveLab PhotoLaser Plus New!
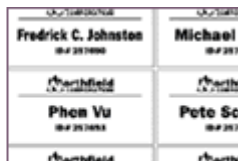- EngraveLab Pro.

Standard EngraveLab Features

- Drag & Drop, Cut, Copy, Paste
- File Preview
- Scaling, Sizing, Fitting, Alignment
- Unlimited Undo/Redo
- Import Stroke Width (CMX, CMF, AI, EPS)
- Online Help
- Grids & Guides
- Create & Edit Shapes & Graphics
- Color & B/W Printing
- Arrays
- Dimensioning/Measuring Tool
- Job Cost Notes
- Seamless CorelDRAW¨ Interface
- Color & B/W Scanning
- Re-Engrave
- True Type Font Support
- WYSIWYE Text Compose
- On Screen Auto Layout
- Engrave Text and Graphics
- Columnizing
- OLE Support
- Rubber Stamp
- Instant Replay
- Parametric Circle, Ellipse, Rectangle, Polygon, Start, Fan & Arrow
- 1100 Fonts & 5000+ Clipart
- Node editing for vectorized graphics
- Ginsu Knife
- Hairline support
- Auto Convert to Vector Cut New!
- Control Default fill / Hairline Color

EngraveLab 8 Upgrades:

- search and replace (text tool)
- Extended character picker (text tool)
- Autocad SHX font support (text tool)
- Super size image (prod tool)
- Use objects as guidelines (prod tool)
- Vectorization wizard (prod toold)
- Auto fill sheet and nest (prod tool)
- Send proofs by email (prod tool, also in brochure)
- Grade 1 braille foreign language support
- Fit to circle / squar4e / ellipse (graphic tool)
- Advance spiral fill (Rotary engrave tool)
- Sweep tool down engraving fill (Rotary engrave tool)
- Contour drilling (Rotary engrave tool)
- Drill center(Rotary engrave tool)
- Material library(Rotary engrave tool)
- Improved nearest sort(Rotary engrave tool)
- 3D viewer (Rotary engrave tool)(also on brochure)
- Auto convert to vector cut (laser engraving tools)
- Control default Fill / Hair line color (laser engraving tools)
- Added photolaser glass, granite, laser tile support(laser engraving tools)

Badges & Serialization

Reduce layout and design time by automatically laying out anywhere from a few to 1000's of templates that utilize the same design but require text or numeric substitutions.
This easy to use, variable data replacement tool is ideal for name plates, door plates, just about anything when you have lot's to do!

WSYWIG Text Compose with 1100 fonts 5000+ clip art
(including 100+ specialty engraving fonts)

On screen text preview with easy access to text properties (font style, height, kerning, etc.) Easily fit text to shape or elaborate path. Font and clip art library provides artwork that is engrave-ready and single or multi-line engraving fonts.

Automated Braille Translation

Grade 2 (Contracted) and Grade 1 braille foreign language support converted from text with a single click of the mouse. Easily badge Braille text. For supported drivers, the Braille drill tool will automatically locate Braille dots and drill each to a specific depth.

Dynamic tools to work with

With powerful tools to create, edit, scan and clean up vector and bitmap based graphics, EngraveLab can handle all the requirements of the signage, trophy and awards or industrial engraving professional.

Vectorization Wizard. Convert scanned or bitmap images into vector artwork - New!

Vectorize black and white or full color graphics quickly and easily. Transform difficult artwork into vectors that are cleanly cut. Save time and money by doing it yourself rather than sending it out!

65+ Import / Export Filters

Industry standard import/export plus the ability to import stroke width. A seamless CorelDRAW® interface so that you transfer files easily without file degradation. **Import Filters Include:**AI, EPS, AutoCAD DXF, CMX, G-Code, GenericCAD DWG, HPGL / DMPL PLT, TIF, JPG, BMP, SCV, WMF, WPG, PRN, PCD, PCX, GIF, FS...and many more!

High integrity DXF import

While some programs have trouble importing DXF files...EngraveLab Laser can import DXF files keeping the gap of line segments tight and connecting them into one solid shape for cutting
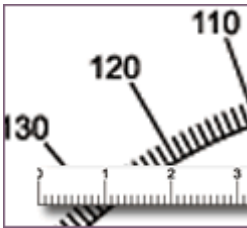
Edit Fast & Easy

Flexible node editing tools are able to quickly simplify and clean up imported or scanned artwork.

Segment Edit   Node Edit

Scan to Engrave

High quality B&W raster to vector tracing turns difficult artwork into easy vector design. Includes unique editing tools that make image clean up fast and easy

Dials and Rulers

Dials and rulers can be created quickly in EngraveLab Pro. Easily modify dials and rulers with EngraveLab's powerful parametric editing tools. Assigning an engraving fill to dials and rulers is a snap.

Bar Codes

Automated Proofs Via E-mail

Vectorize black and white or full color graphics quickly and easily. Transform difficult artwork into vectors that are cleanly cut. Save time and money by doing it yourself rather than sending it out!

Laser & Rotary Engraver Support in a Single Design & Production Software Program

Why use multiple design programs and multiple software packages to run your engravers? Lessen your learning curve, your staff's learning curve by optimizing your business into a single software workflow for all your jobs. Isn't it easier to be an expert in a single package that does it all as opposed to jumping from software to software that you are only marginally familiar with?

EngaveLab 8 Even Faster Fill Routines

Historically always a strength for EngraveLab, our developers have made these routines 2 times faster than they were! Automated fill routines include s-sweep, line sweep, spiral and island fills. Apply multiple fill routines to a single job. Use EngraveLab's powerful sorting options and reduce engraving time, and preview cutter diameter right on your screen.

3D Engraving NEW

Add a new dimension to your existing engraving business with complete 3D functionality for your z axis engraver. Create hand carved looking signs with our unique 3D cut path generator.

Drive Rotary and Laser Based Engraving Machines

Run your entire engraving shop from one software solution! Drive your open architecture rotary- and laser-based engraving machines. EngraveLab also includes drivers for a wide range of vinyl cutters. Refer to our drivers list for a complete list of supported hardware.

Contour Cut

Automatically create a contour cut around raster and vector images. No need to spend the time and effort to vectorize (trace) raster images or hand draw contour lines.

Auto Layout

Auto Layout feature easily creates single and multi-line engraving plates. Work directly on screen using our unique "What You See Is What You Engrave" (WYSIWYE) interface. Easily add graphics and logos to your jobs. Create a library of layout templates for future jobs.

Block & Shape Nesting

Utilize costly materials right down to the last square inch. EngraveLab's intelligent automated nesting will group jobs (odd shapes, lettering, etc) onto the substrate and save you substantial production costs.