ENGRAVELAB

The Ultimate engraving software solution

Run your entire
engraving shop from
one software solution.
EngraveLab supports
rotary and laser engravers,
vinyl cutters, CNC machines
and dye sub printers. Whether
it's trophy and awards, signage,
Braille applications, parts marking,
EngraveLab can do it all.

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ENGRAVELAB

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TECHNOLOGY CORPORATION

The Ultimate engraving software solution

ENGRAVELAB

The Software Solution for the **Engraving Industry** and More!

65+ Import/export filters

Includes the import/export of industry-standard file formats, plus the ability to import stroke width. Also provided is a seamless CorelDraw™ interface that allows file transfers without file degradation.

Import filters include: AI, EPS, DXF, CMF, CMX, DCX, GC1, GC2, GC3, DWG, DCF, PLT, TIFF, JPEG, BMP, SCV, WMF, WPG, EMF, PRN, PCD, PCX, GIF, EMF, FS, PDF... and the list continues to grow.

High integrity DXF import

EngraveLab automatically connects end-points into closed shapes for cutting, and sorts both inside and outside shapes for proper application of engraving fills.

Editing fast and easy

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

Segment Edit

Node Edit

Badges

New & Improved

The Badge feature reduces layout time and gets you down to production. When the customer needs hundreds of name badges, EngraveLab can automatically substitute text from a variable list. Easily create single or multiple badges per plate using this powerful feature.

Want to reduce scrap material? Use the **Plate Object** feature to layout several different sized jobs on one piece of material.
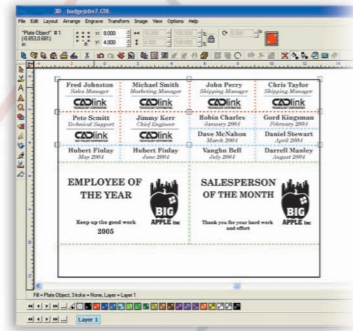
Color code your machine setup

For supported drivers use color to your advantage with one-click palette control for efficient machine setup. Color palettes in EngraveLab support machine parameters, such as tool speed, feed rate, plunge rate, depth and number of passes. Use each color to represent a different machine setup.

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, and EngraveLab also includes drivers for a wide range of vinyl cutters. Refer to our drivers list for a complete list of supported hardware.

Machine-readable barcodes

EngraveLab makes data storage and parts marking easier. Supported symbologies include: Codabar, Code 128, Code 39, Code 93, DataMatrix, EAN/JAN-8, EAN/JAN-13, Interleaved 2 of 5, LOGMARS, MSI Plessey, PostNet, UPC-A, and UPC-E.
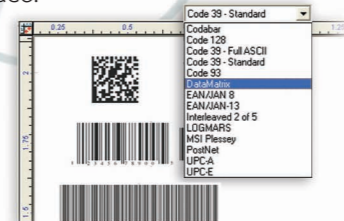
Contour cut

Automatically contour cut around raster and vector images. There is no need to draw contours by hand, or spend time and effort to vectorize/trace a raster image.
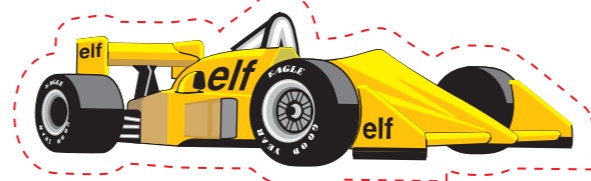
Create dial and ruler shapes automatically!

EngraveLab provides parametric dial and ruler shapes that are quickly created and customized. Assigning an engraving fill to dial and ruler shapes is a snap!
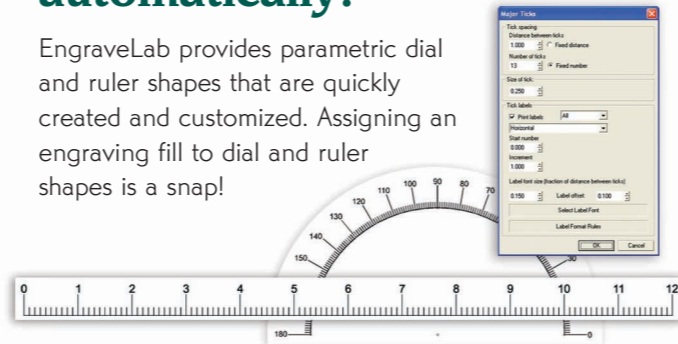
WYSIWYG text compose

Our 1100 font library includes over 100+ engraving fonts. Type text with on-screen display of the text properties (i.e. font, style, height, kerning, etc.), and easily fit text to either an arc or elaborate path.

Award of Merit
Presented to
John Black

Braille translation

Convert text into Grade 2 (Contracted) Braille 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.

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RESTROOM

121 RESTROOM	
124 RESTROOM	
125 RESTROOM	126 RESTROOM	127 RESTROOM
128 RESTROOM	129 RESTROOM	130 RESTROOM
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Efficient fill routines

New & Improved

Add another dimension to your text, logos and artwork. Automated fill routines include s-sweep, line sweep, spiral, and island fills. EngraveLab permits multiple fill routines within a job, and EngraveLab's powerful sorting options reduce engraving time. Also, previews cutter diameter on-screen.
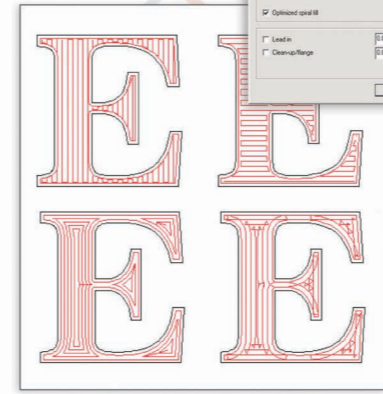
Recommended tool size for engraving fills

When filling complex designs or signage fonts, how can you be sure which tool size to select? EngraveLab can help by recommending which tool diameter should be used when applying an engraving fill to your design or signage fonts.

Use two tools for engraving fills

To reduce total engraving time, EngraveLab allows you to specify two tools for your engraving fills. The larger tool will remove material, and a second smaller tool will follow-up for leftover material.
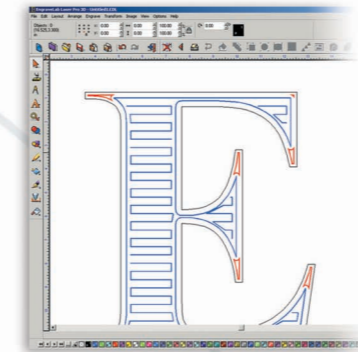
Keep a dictionary on hand

With a single click, EngraveLab will spell check all the text in your design, so embarrassing slips will not appear.

1100 Fonts & 5000+ clipart

EngraveLab includes a large font and clipart library that has been meticulously designed with great accuracy to be engrave and cut-ready. Also supported are Windows TrueType™ fonts, Adobe Type 1™ fonts, and Corel WFN™ fonts.
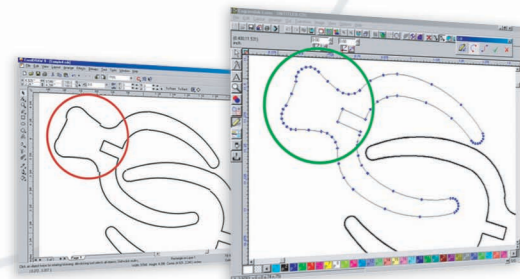
100+ Engraving fonts

The fonts and clipart library includes 100+ engraving fonts. Improve your output efficiency with our single- and multi-line engraving fonts.

Congratulations!

Convert scanned images to vector artwork

EngraveLab provides both B&W and Color raster-to-vector tracing of images. Transform difficult artwork into vector designs that are easily cut. Color tracing provides additional tools that quickly group color ranges and posterize an image prior to tracing.
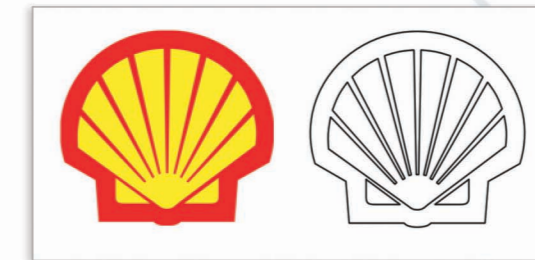
PhotoLaser

Output any photo to your laser engraver with PhotoLaser. Full-featured bitmap editing, histograms, edge sharpening, and dithering methods that include eight error diffusion options are just some of the features that come with PhotoLaser.

Achieve true to photo results using the color-to-grayscale conversion and live photo-laser previews. Once you are happy with the setting, you can save and apply them automatically to your next image.

In addition, the bitmap editing tools allow you to crop, clean, erase, trace and manipulate your image to obtain the professional output that your customers expect.

Laser engrave your photo in a few easy steps:

Step 1) Start with a full-color image

Step 2) Convert to grayscale

Step 3) Isolate your selection

Step 4) Preview on different material types

Step 5) Crop if required, and then output to laser

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2002 Top Salesperson of the Year
Andrey Pawluk