

LaserCAM 2D Design

2D Design Software for Laser Cutters



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Create designs quickly and accurately



Custom colour palettes

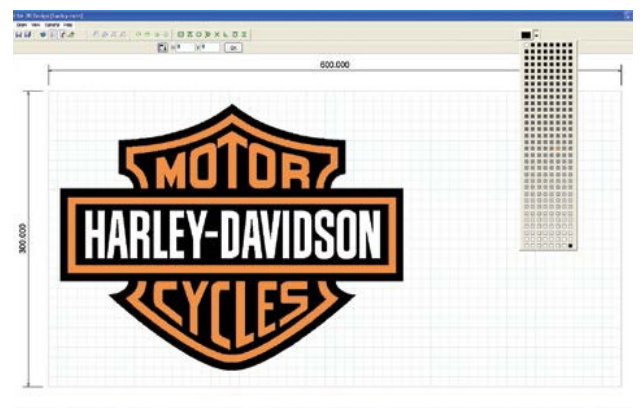


Multiple file formats

The ideal way to manufacture logos, designs and projects

LaserCAM 2D Design has all the features you need for laser cutting / engraving – all in one place. For example, the image importer includes image editing features to adjust brightness, contrast and gamma. The interactive preview and tools to create greyscale, black and white or halftone images will ensure you get the best results every time.

- Custom colour palettes make it easy to pick the right colours for the laser driver
- Easy grid size set up – just click 'Match to Printer'
- Handy preview window



Technical information

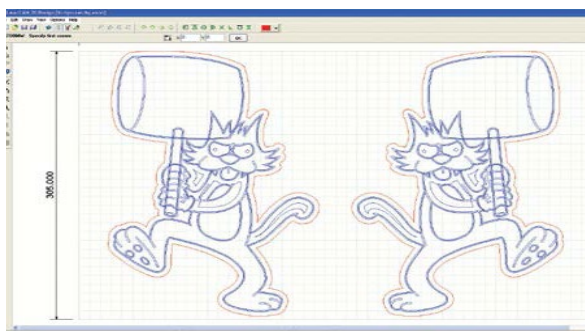
CAD Drawing Features

The following objects can be created to exact sizes: Lines, Arcs, Polylines, Curves, Polygons, Ellipses, Text, Multi-line Text with justification, Hatched areas, Offset paths, Bitmap Image Contours.

Any TrueType font available to Windows™ can be installed and used by LaserCAM.

Drawing features allow easy creation and manipulation of objects:

- › Customisable grid size for snapping to fixed distances
- › Editable object nudge
- › Angular (polar) snap
- › Absolute and relative co-ordinate entry
- › Object property editor allows sizes, angles and positions to be entered exactly
- › Quick drawing navigation (pan & zoom) is realised by mouse wheel operation
- › Object grips can be grabbed and moved
- › Various object snap modes can be activated at any time: End point, Mid point, Nearest, Intersection, Tangent
- › Perpendicular Object modifiers allow objects to be altered quickly and accurately: Move, Scale, Rotate, Mirror, Copy, Paste, Join, Explode, Group and Ungroup, Rectangular array, Circular array
- › Customisable colour palettes for easy configuration to match the Laser driver,
- › Boolean shape operators: Union, Intersect, Split, Subtract



Import / Export Features

Import:

- › Raster Image - JPG, BMP, ICO, EMF, WMF
- › Clipboard Vector paste (eg from CorelDraw)
- › Gerber (RS274X) - PCB designs are imported and converted into polylines
- › AutoCAD: DWG and DXF
- › Vector Image Clipart - WMF, EMF
- › Font - any Truetype Font (TTF) can be imported then used by the software
- › Encapsulated PostScript: .EPS vector files

Export:

- › AutoCAD: .DXF files can be saved
- › QuickCAM 2D Design: .MCM files saved in LaserCAM can also be opened in QuickCAM 2D for CNC machining

Recommended System Requirements

- › 1 GHz or faster processor
- › Minimum of 4 GB of RAM
- › 1 GB Free Storage Space
- › Microsoft Windows 7, 8, 10 & 11
- › DirectX 12 or later compatible Graphics Card
- › High-definition display (720p) or greater
- › Provided on USB

