Sketcher

A CAD/CAM solution that lasts!

Sketcher - Our 2D CAD Module

The *Sketcher* is an optional expansion module for *cncCUT* which offers you the ability to easily edit existing DXF files, and create new drawings too.

Your Advantages Summarized:
- Quick and easy preparation of designs.
- Modify and expand macros.
- Elementary drawing functions.
- Use true-type fonts and texts for labeling.
- Pattern and polar configurations.
- Digitize and vectorize your drawings.

Prepare Designs Quickly And Easyily
Our CAD module *Sketcher* brings you a 2D CAD tool designed specifically for creating and editing sheet metal parts. Complex geometric figures can be created in minutes by new or experienced users, using all the expected drawing commands. This product can be operated using a mouse or just a keyboard, so just like *cncCUT*, it can be operated on your machine's control panel.

Modify And Expand Macros
Existing macros can not only be re-dimensioned for use with *cncCUT*, they can also be modified using *Sketcher*. The macro library can be expanded with macros you designed to meet your own requirements. Every macro is a mini program, which can be understood, created and edited with a basic knowledge of HTML and geometry.
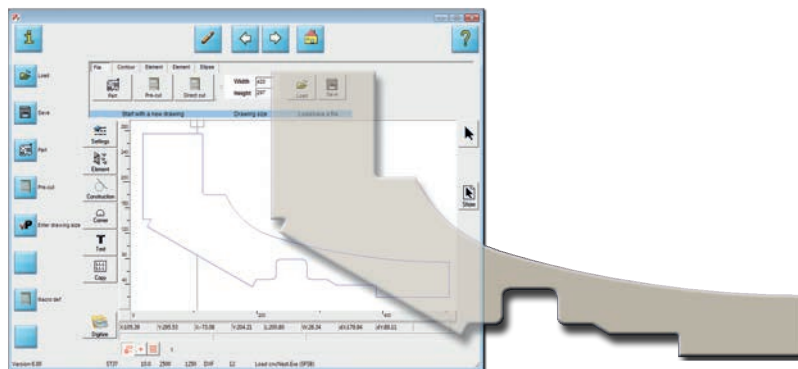
Drawing Functions
The user interface is clear and simple, with drawing functions grouped logically in function groups. You have a large selection of pre-made contour elements, e.g. circles, quadrangles, oblong holes. Precision design is facilitated by the option to use construction lines and elements. Trimming, cropping, separating and adjusting elements also included in the functionality.

Digitize And Vectorize Your Drawings

Digitizing is an optional function of the *Sketcher*. Digitize images of any size which fits on your digitizing tablet. A drawing's contour groups are captured and converted into fundamental geometric elements in the *Sketcher*. Freehand lines can be converted as vectors or arcs, joined seamlessly to complete the figure.

Pattern And Polar Configurations

Contour elements can be copied onto parts or sheets in a grid or polar about a center point, allowing quick creation of repeated patterns such as bolt circles, saving valuable design time.

Use True-Type Fonts And Texts For Labeling

Sketcher allows you to switch between simple fonts and true-type fonts. Simple fonts are often incorporated as elements in drawings for marking and signing, while the more complex true-type fonts represent a contour created from vectors, arcs and splines for each character. Characters can then be processed as internal or external contours.

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