



Professional cut plug in for Corel DRAW, Illustrator, Freehand, AutoCAD



Recommended for:

- professional signmaker
- screen printers
- textile signage
- multi user solutions

Product info

Do you want the best sign making solution that money can buy? Look no further than CoCut Pro. It adds high-end sign making features for color printing and fully automates the print-and-cut process with advanced support for our revolutionary OPOS contour cutting system (and other cutter's manual alignment systems).

But CoCut Pro and CorelDRAW are more than just the ideal print-and-cut solution. Three different Welding options make all clipart files instantly vinyl-ready, so you'll never pay for over-priced sign making clipart. And Inline/Outline contouring creates cutting paths around vector illustrations or bitmap images with unparalleled speed and efficiency. CoCut Pro, when paired with the incredible power of CorelDRAW, easily outperforms anything else on the market - including sign making programs costing thousands more.

Supported devices:

- All common cutting plotters
- Zünd, Wild and Aristo flatbed
- Individual drivers can be generated with driver editor
- All machines capable of using HPGL

System requirements:

- AutoCAD LT98, R14, 2000LT, 2000, 2000i, 2002, 2002LT
- CorelDRAW 6-11
- Adobe Illustrator 8-10
- Macromedia Freehand 8-10 & MX
- Windows 98, ME, NT, 2000, XP
- Free USB port or parallel port

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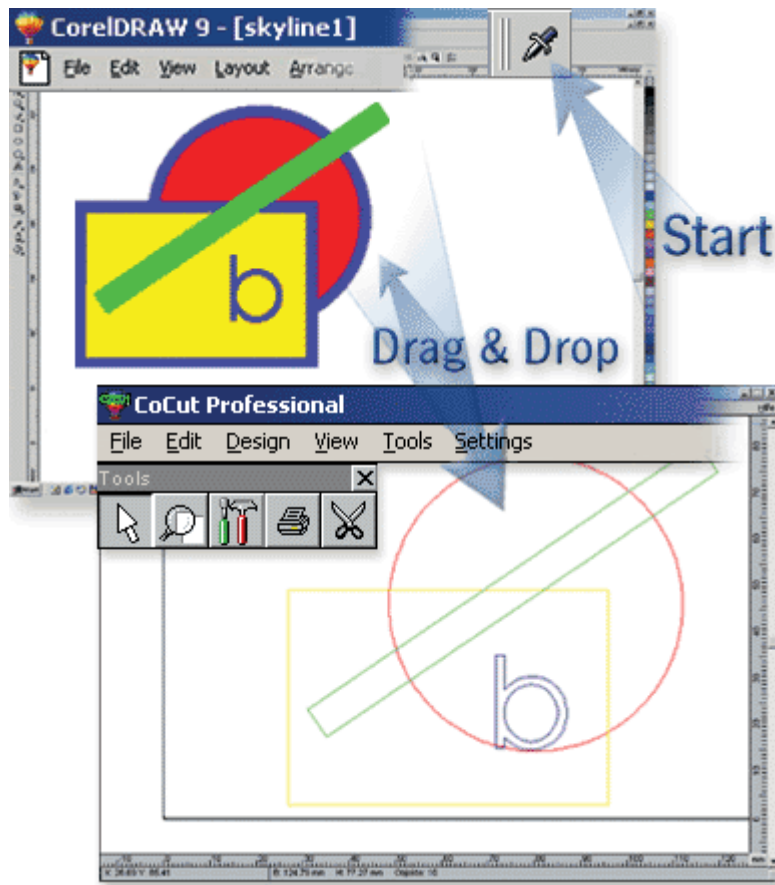


You **design** with CorelDRAW, Illustrator or Freehand and the CoCut cutting module drives your cutting plotter.

By **clicking** on the icon you activate the CoCut Professional cutting module.

Import and Export via drag & drop for CorelDRAW

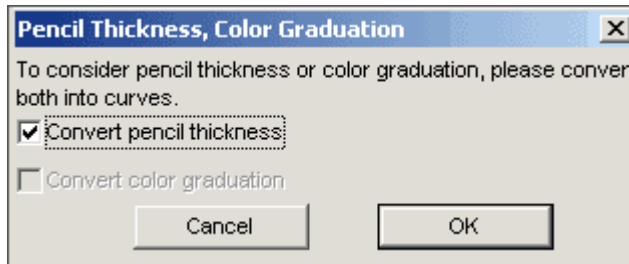
The **Wireframe** mode shows the outlines to be cut.



Cutting and Welding

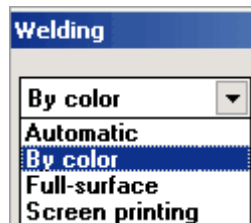
Select the object and click on the

X **Cutting**  or **Welding**  symbol.



The lines are converted to cuttable outlines.

You choose the type of **welding**:



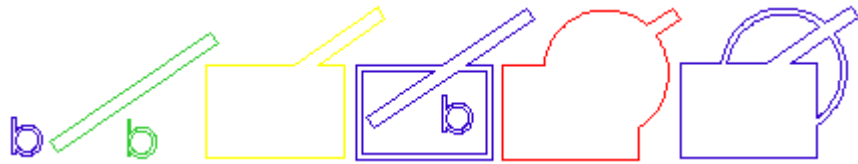
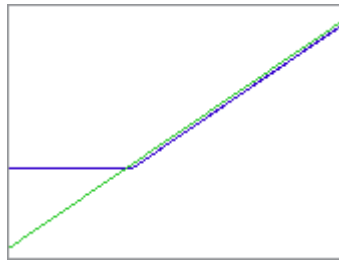
Automatic:
Overlapping serifs of fonts are welded.



By Color:
The underlying object will be cut larger according to the amount specified to avoid streaks

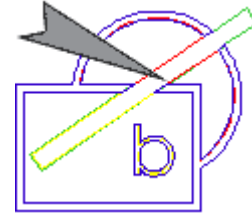
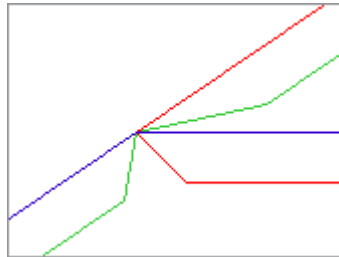


Full Surface:
The objects are cut precisely for sticking on shop windows.

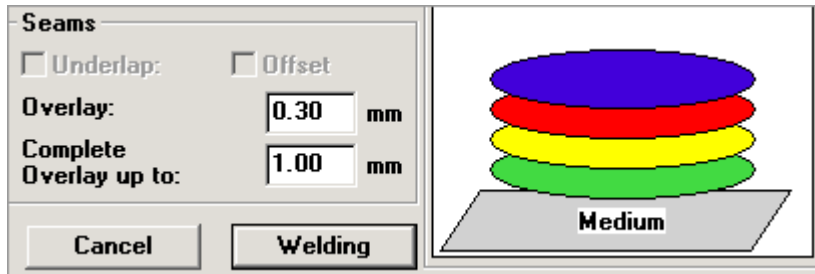


Screen-printing:

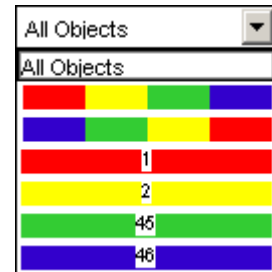
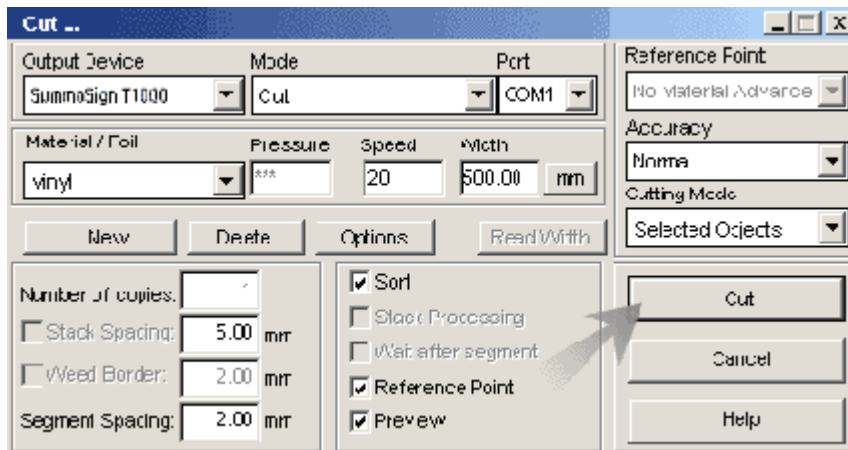
When Screen-printing is selected, the color stack is activated. You can modify the sequence of colors interactively from light to dark with the help of the mouse.



Specify the amount of Overlap to avoid streaks in the joins.



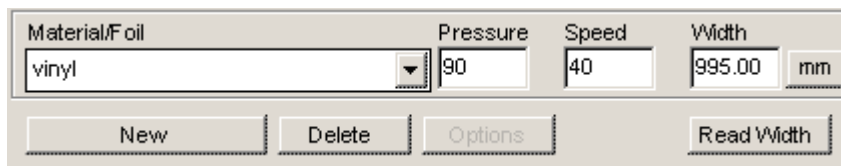
Cutting by color



CoCutProfessional allows you to cut individual colors or series of colors.

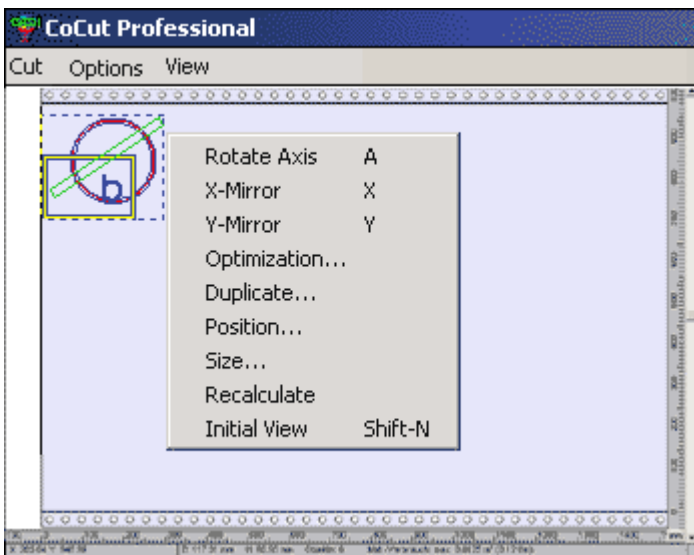
You select the machine, mode, number of copies and **click on Cut.**

Material database



You can set default values for print and speed, which can be saved in a material databank for retrieval at any time.

Cutting Preview



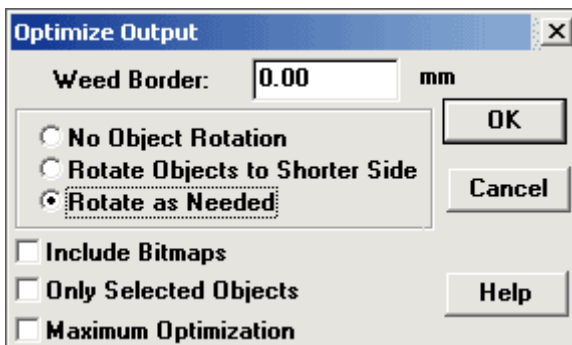
The Use of Material is shown in sq. m and running meters in the Cutting Preview status line.

In the **Cutting Preview** the user can see which objects will be cut where on the material.

The context menu can be activated using the right mouse button.

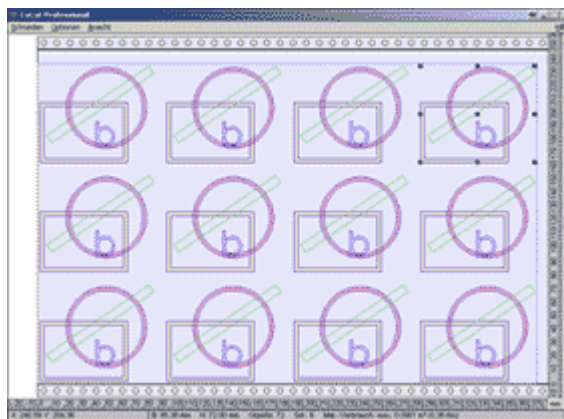
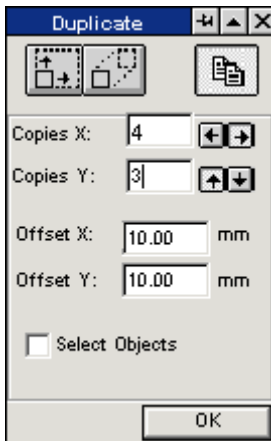
CoCut Professional Commands in the Cutting Preview

Optimizing



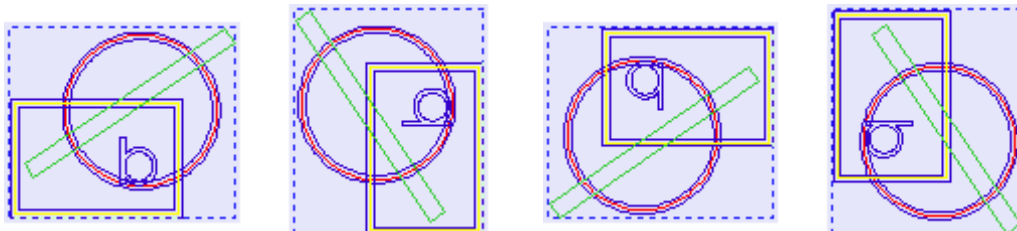
The amount of material used is minimized by rotating and moving the objects. You can specify the distance between the objects to be optimized.

Duplicating



You can create any number of duplicates of objects.
You can specify the distance between the objects to be duplicated.

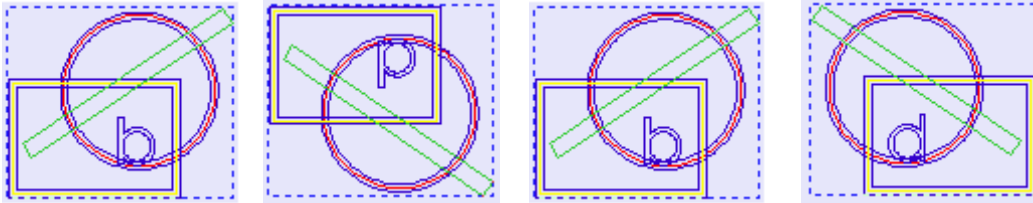
Rotation



The object is rotated 90o in a counterclockwise direction.

X Mirror

Y Mirror

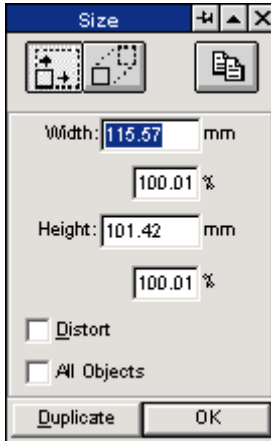


horizontally

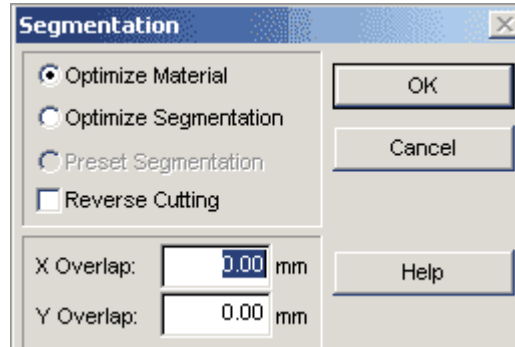
vertically

The object is mirrored horizontally or vertically.

Size

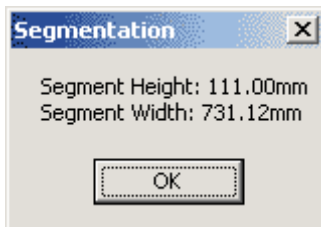
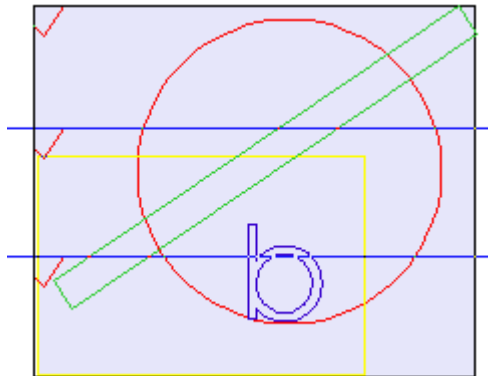
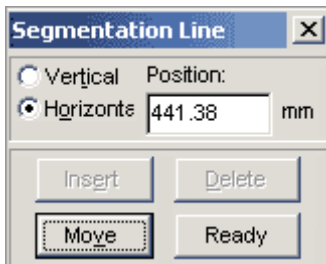


The object can be enlarged proportionally or disproportionately.



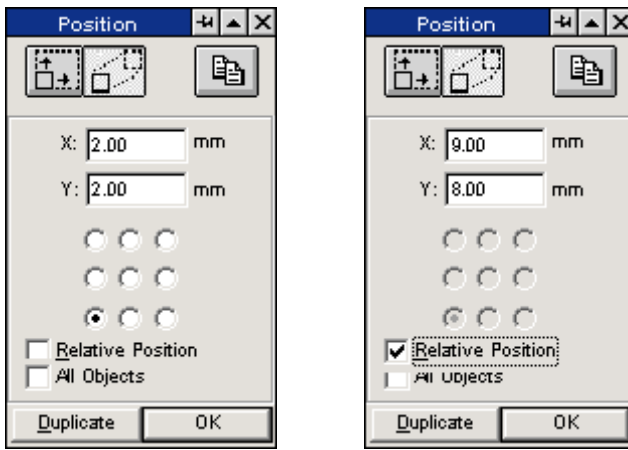
When the maximum width of foil is exceeded, CoCut activates the sectioning command.

Sectioning



The object is divided into segments of equal size. Each segment can be cut separately. The segments can be moved individually and also positioned exactly. You can deactivate individual segments by clicking on them. The most recent setting will be saved automatically.

Positioning



The object can be positioned exactly.

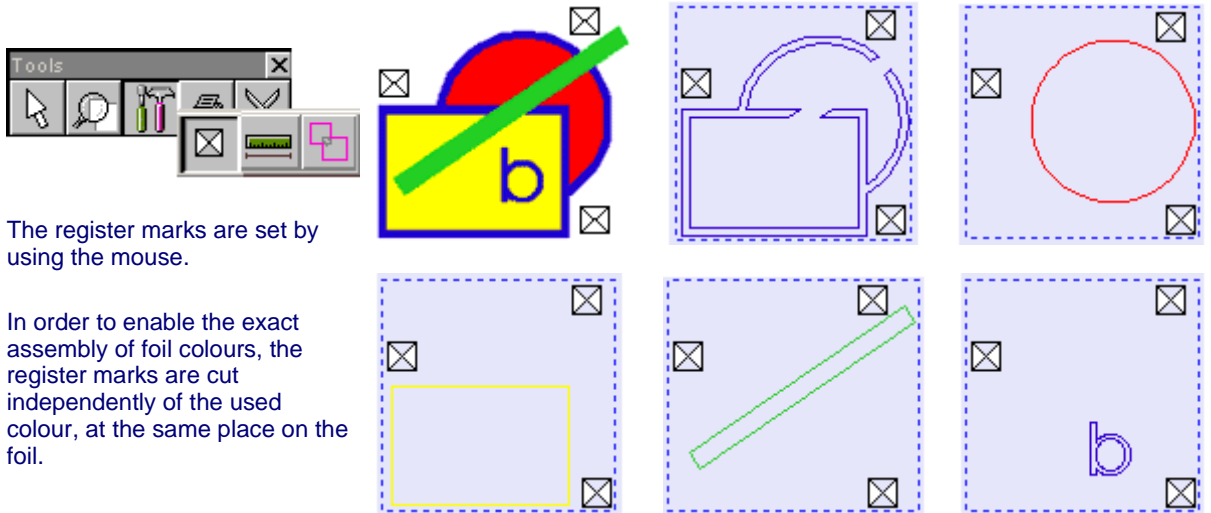
In the X and Y boxes you can enter relative or absolute horizontal and vertical coordinates in relation to the point of reference.

Weeding Aid

The weeding aid makes it easier to design the remaining foil in the case of large-format objects.

Register marks

For the assembly of the cut by color layers register marks are necessary.



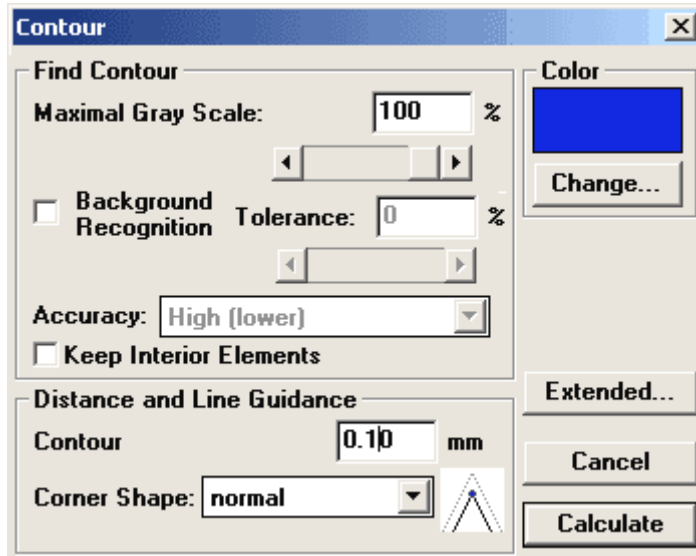
The register marks are set by using the mouse.

In order to enable the exact assembly of foil colours, the register marks are cut independently of the used colour, at the same place on the foil.

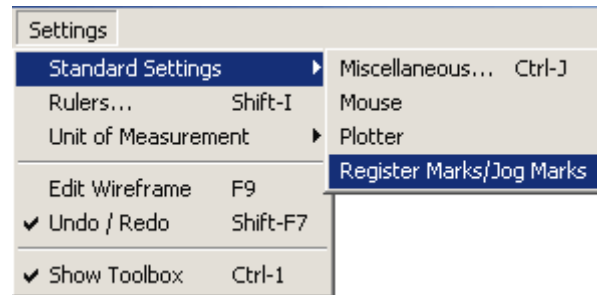
Jog marks The jog marks function is used in order to create Sticker. Printed vinyl with jog marks is put in the cutter. The number of duplicates are cut with a contour. This function could be used with plotters with and without an automatic optical system for recognition of jog marks such as Summa OPOS or Mimaki OPAAL. The universal jog marks could be used with most Roland Plotters.



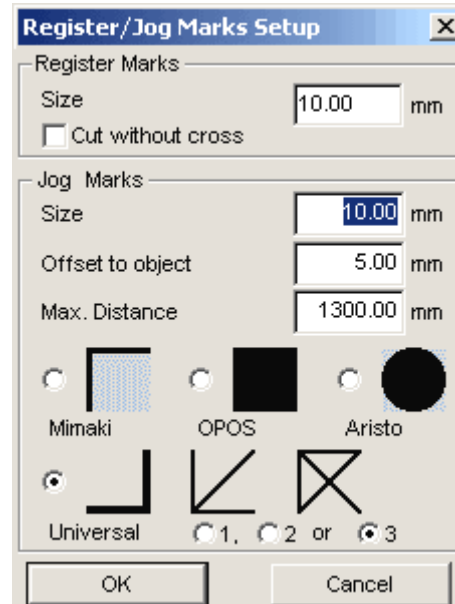
Load Bitmap and create contour with contour function.
Note: Not to mistake with outline function.



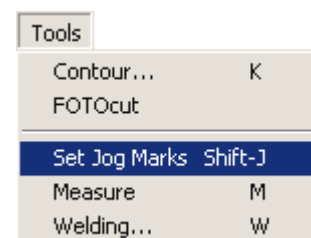
Setup jog marks



Objects align over universal jog marks



Set jog marks



print material with jog marks



Transfer to CoCut cut module



Setup for specific plotter

Read Parameters SummaCut D120

IO-Parameter

Plotter type: Summa (DMPL)

Read command: ECN;:ED

Read format: %X, %Y

mm factor

Use plotpoint value from driver

User defined: 0.025000

OK Cancel

Read values from plotter storage and alignment with universal jog marks.

Justify objects with universal jog marks

Please enter the positions of the markers as shown in the display of the plotter or read them from the plotter (if possible).

With "OK" the objects will be newly aligned.

Calculate the manually entered values to the coordinates, needed by the plotter. Calculate Values

| | | | | | | | |
|--|-----------|---|-------------------------------------|----|---|-------------------------------------|----|
| | Marker 1: | X | <input type="text" value="503.07"/> | mm | Y | <input type="text" value="165.71"/> | mm |
| | Marker 2: | X | <input type="text" value="69.20"/> | mm | Y | <input type="text" value="165.71"/> | mm |
| | Marker 3: | X | <input type="text" value="69.20"/> | mm | Y | <input type="text" value="426.23"/> | mm |

OK Cancel Settings

FOTOCut™

This module creates vector patterns such as **Lines, Rhombuses, Circles, Squares, Single Rhombuses, Single Rectangles and Spirals** from Windows bitmap files (*.BMP, *.PCX, & *.TIF). These patterns can be cut on every cutting plotter or similar device. The image is divided into logical pixels and the average grayscale is worked out for each of these logical pixels. Thus, an image is created having fewer pixels than the original. This image is then used to create horizontal or vertical lines, circles, squares, etc, whose width is proportional to the grayscale in the corresponding place.

The following image will serve as a model for all the examples:



Fig. 1: Model for Examples (photo.bmp)



Fig. 2: Example of Reversing the Grayscale Value



Line width upwards
Line width downwards
Fig. 3: Example of Reversing the Line Width



Fig. 4: Example of Line Width Enlarged Upwards and Downwards

Even small modifications of the values produce very different results.

Elaborated Weed Aid

Create Weed Aid

The lines are thickened at the ends so that the image can be weeded more quickly.

Strap Width

You can specify the width of a strap in this box.

Strap Thickness

You can specify the thickness of a strap in this box. Strap Offset to Weed Border

You can enter the offset to the weed border in this box.

Stripes per Strap

In this box you can enter the number of stripes that each strap should contain.

The bitmap dimensions in pixels and mm and the probable Number of Objects are displayed beneath these fields.

Example of *Stripes per Strap, Strap Width, Strap Thickness and Stripes*



Modes:

Lines, Rhombuses, Circles, Squares, Single Rhombuses, Single Rectangles and Spirals.

Which mode will obtain the best result depends on the bitmap used and the parameters set.

Check results by print out

It is not easy to judge the quality of the result from the screen display. Therefore you should print out the result so that you can assess it accurately and don't run the risk of wasting expensive vinyl!

Creativity without limits. Use this elaborated feature to create outstanding signage.

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