SA International Contour Cutting Guide

1. **Vector objects** can be transformed to contour cuts. So create a Vector object first and select it.

![Vector transformation](image1)

2. From the **Effects** menu, point to **contour cut**.

![Contour Cut Menu](image2)
Using the Contour Cut Effect

The Contour Cut effect allows you to trace a contour cut around one or more objects in your design.

To trace a contour cut around one or more objects using the Contour Cut effect:
1. Select the objects.
2. From the Effect menu, select Contour Cut.
3. Adjust the values in DesignCentral.
   - Select the type between Contour, Rectangle and Ellipse.
   - Offset distance from object to cutting line. The value can be negative, allowing you to make a contour cut line inside the design, in order to prevent misalignments in printing and cutting process. This field is only available for Contour mode.
   - Width of the contour shape (Ellipse or Rectangle).
   - Height of the contour shape (Ellipse or Rectangle).
   - Check this value to assure that the cutting line will be resized proportionally when you change its height or width. This option is not available for Contour mode.
   - When this option is checked, all holes in the selected objects will have an inner contour cut line. This option is not available for Ellipse or Rectangle mode.
4. Click Apply.
3. Set the marks: from the **Effects** menu, point to **contour cut mark**.

You can adjust following parameters:
4. Cutting the contour on a cutter on a manually aligned cutter.

Cation:

If you want to use this function, you must connect to your cutter via serial port! Turn on the light on the cutter.
If you first use the software, you should setup as below:

1. Choose a device:
   - What is the brand name of your vinyl cutter?
   - What is the model name of your vinyl cutter?

2. Select the model of your LifCut:
   - M Series
   - MP Series
   - MC Series
   - SF Series
   - TC Series
   - TG Series
   - MF Series
Remove the output media from the printer and load it into the cutter. Make sure the output media is straight, and align the registration marks to the origin for the cutter.

Select the method to be used to position the cut head over the registration marks and click OK.

Interactive alignment
You will position the cut head over the registration marks using software controls.

Digitize alignment
You will position the cut head over the registration marks using the controls on the face of the cutter.

This option is only available when a bi-directional communications protocol such as serial or USB is used.

To indicate the position of the registration marks using Interactive alignment:

i Use the arrow buttons to position the head of the cutting device over registration mark 1 and click OK.

ii Repeat for all additional registration marks.

Turn off the light on the cutter, then click OK:
Please put knife back in cutter and click OK to start cutting.