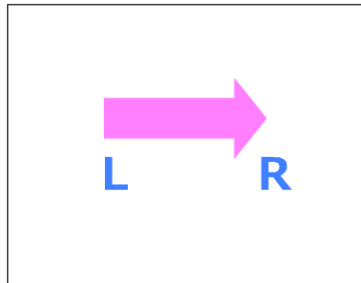


Klic-N-Kut Print and Cut Tutorial

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Before presenting the “official” method, note that an alternative procedure is presented at the end of this section. This second method was developed for owners of other cutters who found the standard print and cut procedures to not work well for them. In side-by-side testing, the alternative method works just as well and, thus, is recommended for your consideration.

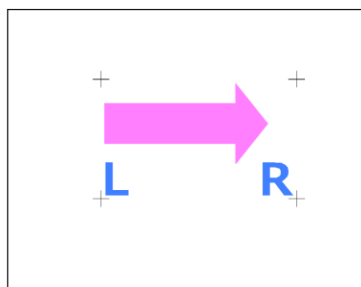
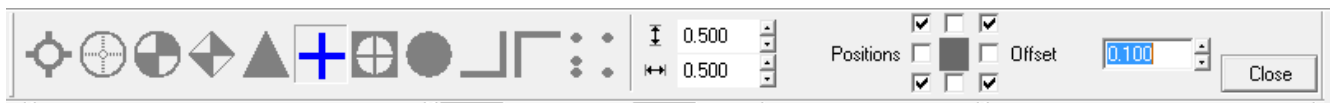
- (1) For this tutorial we have an arrow that points to the right and the two letters:



- (2) Note the following settings that must be made:

- **Layout>Blank Size**, select Letter (8.50 x 11.00), check **Landscape** at the top, click on **OK**.
- **Cut>Plotting Defaults**, uncheck **Axis Swap**, check **Sign Blank**, click on **Save Default** and then **OK**.

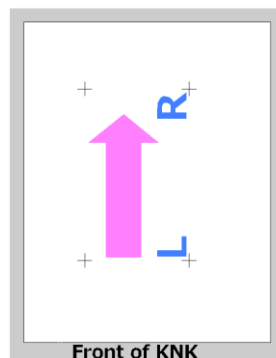
1. Registration marks must be added to the page. To do this, marquis-select the images and then, from the **Shapes Tool** icon on the **Tools** toolbar, click on the **Multi-Registration Mark** icon (third from the right). In the Smart Bar will be a menu choice of marks to use. Pick the “+” symbol (6th from the left side). On the right, you can select how far to offset the marks. Enter 0.1 (you can make this offset larger, but make sure you have room on your page for it). Four registration marks will appear around the image. Click on **Close**.



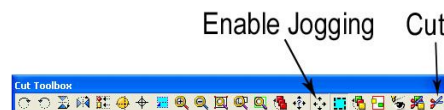
2. Go to **File>Print** and click on the appropriate printer from the list. Click on **Setup** and locate where to change from Portrait to Landscape. Make any other changes such as selecting a different paper or quality of printing. If the registration marks are close to the outside edges of

the Sign Blank, you may need to locate the Borderless Printing option in your Setup window and activate it. After changes are made, close this window to return to the Print window.

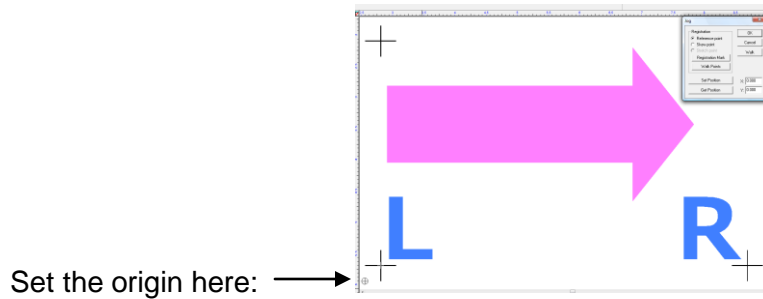
3. Check the box next to **Preview**.
4. Click on the **Preferences** tab and check the box next to **Entire Area**. Click on **OK**. Then click on **OK** again to enter the Preview window.
5. In this next window, up on the Smart Bar, you will see a small blue grid. Click on the middle of this grid. This will now center your images on the page. If you wish to have them appear offset elsewhere, you can try that. But this tutorial assumes you have selected the middle. Then click on **Print**. Note: if you do not see the registration marks, return to the Sign Blank window and use Ctrl-A to select all images. Some users have reported needing to do this.
6. Place your printout on the mat and load into the Klic-N-Kut. Note that because you have **Axis Swap** turned off, the printout should be rotated 90 degrees from how you see it on your screen. In this case with an 8.5" x 11" sheet of paper, the 8.5" side would be placed from left to right on the mat. The left side of the Sign Blank should now be at the bottom of the mat, closest to you.



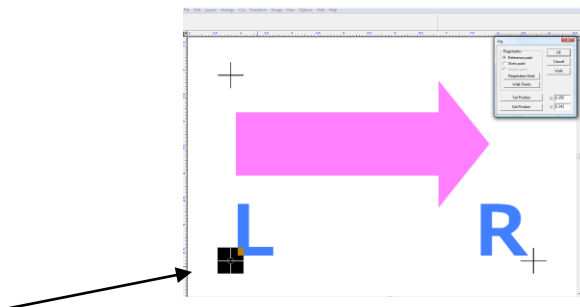
7. Select the appropriate speed and pressure for your material and perform a test cut, as necessary.
8. Place the embossing tool or the pen in the machine. Either is more accurate for setting the registration points than using the blade because the tip of the blade is more difficult to see. Do not screw in too tight because you will need to easily remove it to replace with the blade.
9. Use **Ctrl-A** to select all items. Select the **Cut Tool** icon from the **Tools** toolbar
10. In the **Cut Toolbox** window, click on the **Enable Jogging** icon (7th icon from the right). Check **Full Axis** jog and click on **OK**. Then click on the **Cut** icon (far right icon) in that same window:



11. Upon selecting **Cut**, a new window will open. Note which registration mark is flashing. Also, note the little circle with the cross which we will call the Target. This indicates where you should set the origin on your print out. Thus, you don't necessarily set it at the front right corner of your printout... instead, it will probably be slightly to the outside of the flashing registration mark as shown in the following screen shot:

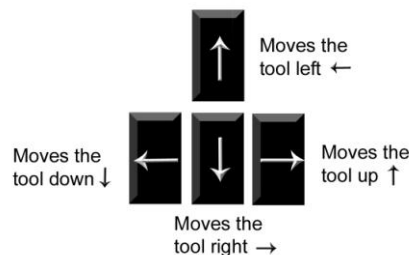


12. You do not have to be exact on the origin placement, as the registration marks actually serve as origins in a Print and Cut procedure. But picking this initial origin on your KNK at the initial location of the target will ensure that the rest of your marked locations are close to what you see on the screen.
13. Right click on the Target and drag it to the flashing mark. The Klic-N-Kut will respond and move the pen tool in the same general location on the printout.

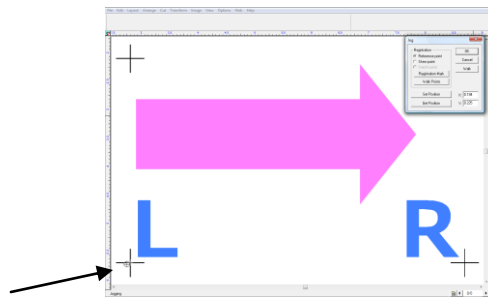


Right click and drag the Target to the flashing registration mark.

14. However, you then must continue moving the Target until the pen tip is directly, dead-center over the registration mark. Use the arrows on the keyboard to move with more accuracy and the following diagram will help you move the pen in the correct direction.



15. Press the pen tip onto the printout to make sure the point is perfectly aligned above the registration mark center. Keep tweaking with the arrows keys, as necessary. Then click on the **Set Position** button in the **Jog** window. Note that the Target will probably no longer be on top of the flashing registration mark on the screen. That's fine. The important thing is for the tip of the pen to be over the registration mark on the actual printout.



Note that the Target is no longer on top of the Registration mark
(but on the actual printout, the pen tip is centered)

16. Check the next box in the **Jog** window called **Skew Point**. A different registration mark will begin flashing. Again hold down the right mouse button and drag the Target towards this flashing mark. Again use the arrow keys to precisely match the tip of the pen with the center of the registration mark on the printout. Click the **Set Position** button. Then finish the process by checking the next box called **Stretch Point**. Again drag the Target to the flashing mark. Align perfectly on your printout with the arrow keys and click on **Set Position**. You have now set the positions of three registration marks. The fourth is not needed.
17. Replace the pen (or engraving tool) with the blade, being careful to not disturb the location of the tool. Click on **OK**. The image will be cut. If you do not wish to cut the registration marks, cancel the cut after the image is done.
18. Extra notes on Print and Cuts:
 - o Outlining the image in a thicker line will provide a little room for error. To do this, first go to **View>Show Line Style** and check this setting. Then click on the **Stroke and Fill** icon on the **Tools** toolbar and select the **Line Style** icon. In the Smart Bar, click on the **Thick Line** icon (3rd from left) and then enter, for example, 0.05 for the **Thickness**. After printing, then turn off line by returning to that window.

Spring

No line

Spring

Hair Line

Spring

Thick Line

- o Another way to provide room for error is to create a contour cut to deliberately place an outline of “white” around the outside of the colored image. Refer to *Section 6.10 Contour Cutting*.

Spring

- o If you are importing an image to auto-trace for a Print and Cut, then you will need to import it again because, after tracing, your original will be black and white. Delete this original and then align your duplicate to match the tracing. You may need to resize either the tracing or the original so they match. If the image has a lot of small detail, node editing may be necessary to get the precision you need.

Alternative Method: Once the image and tracing are in place, print the image onto ordinary printer paper. Using the Klic-N-Kut, cut out the image from your cardstock, paper, or other material. Use a repositionable adhesive to mount the cutout on top of the printed image, aligning carefully with the printed image. Run the sheet through the printer a second time and the image should be printed perfectly onto the cutout. Remove the cutout.