

# Engraved LED Light Sign



Creating an engraved LED sign is a quick and easy project using your MOMENTO™ Craft Cutting Machine. The engraving effect adds an elegant touch that is sure to impress, making it the perfect addition to any space or celebration. Whether you're decorating for an event or giving a one-of-a-kind present, an engraved LED sign is a beautiful and memorable way to shine a little light on your special moments. Learn how to perfectly position your design on a heart shaped (or any shape) acrylic blank.

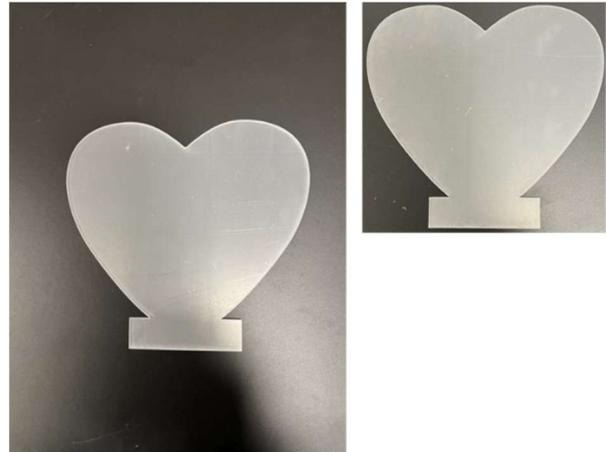
## What you need

- Clear Acrylic Blank
- Mobile Phone Camera
- Strong Grip Mat 12" x 12"
- SINGER® MOMENTO™ Marking Pen (optional)
- Engraving Tool

- Painter's Tape
- LED Light Base

## Direction

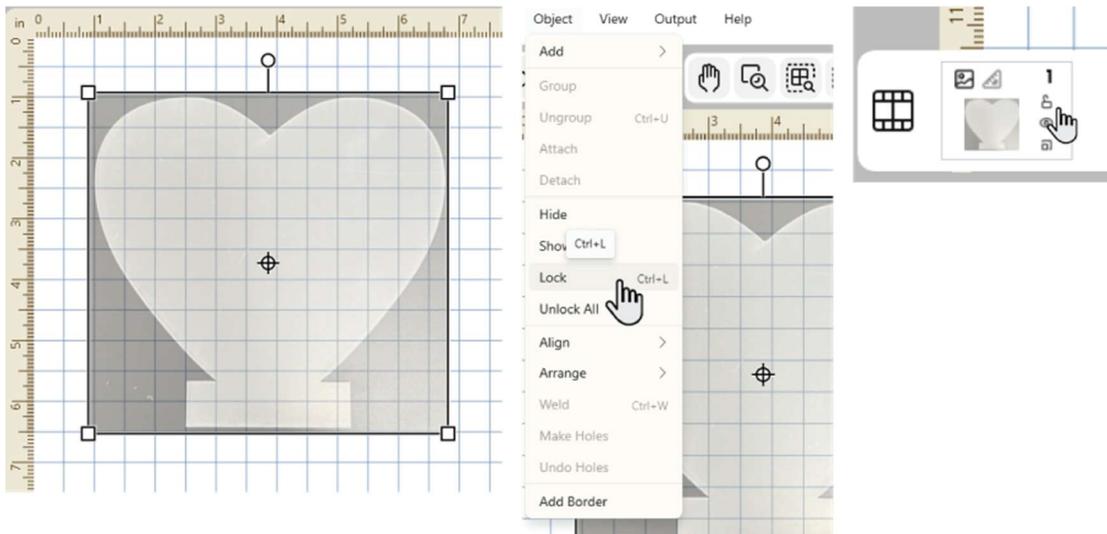
1. Take a photo of your acrylic blank. Place the acrylic on a flat surface and use your mobile phone to take a photo straight from above. Crop the image and send to your computer. Open the photo on your computer and save as a JPG file.



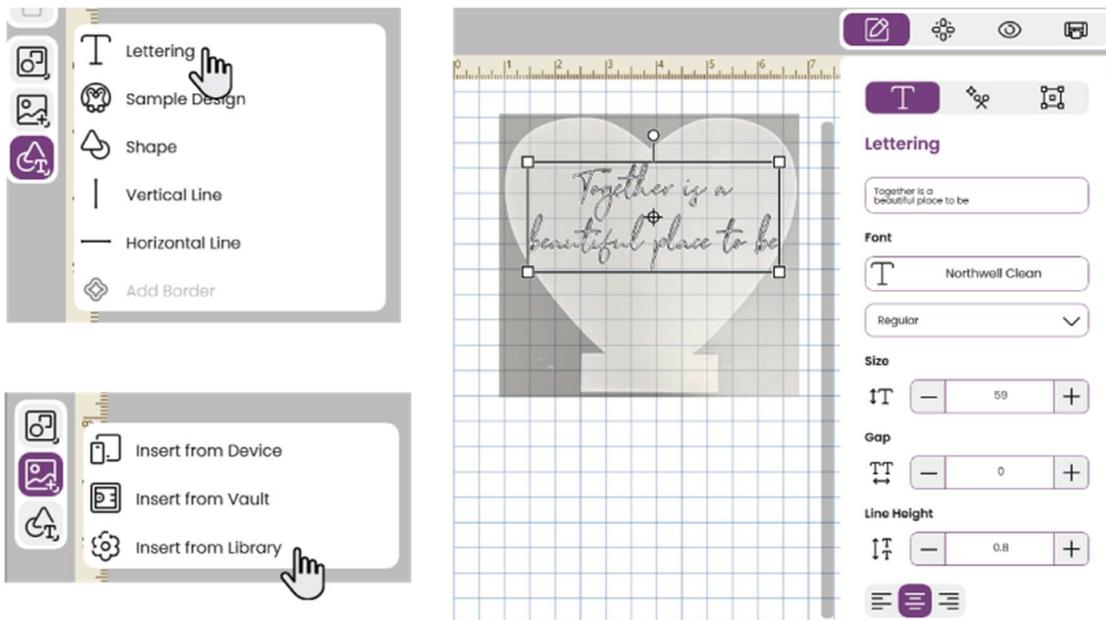
2. Insert Image. Open your Crafting Software. From the start page, Create a New Canvas 12" x 12". Click Insert from Device and find your photo and open it. Select Use as Background Guide.



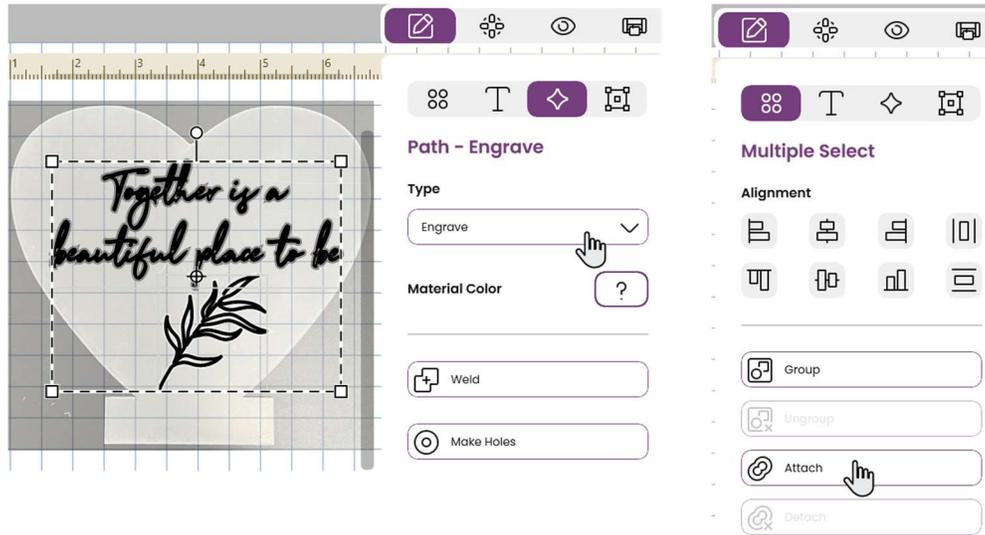
3. Measure your acrylic blank. Resize the image so that it is the same size as it is in real life. Move the image so that it is not on the edge of the mat, using the lines as a guide. Lock the guide layer to prevent it from accidentally being moved. Go to Object – Lock. You can also lock an object by using the Ctrl+L shortcut on the keyboard or by clicking the lock symbol in the filmstrip.



4. Design your engraving. Add lettering. In the lettering menu you can type in your words, change font, size and spacing to fit your project. Browse in Library ('Insert from Library') to find images to add to your project. Arrange on top of your image guide.



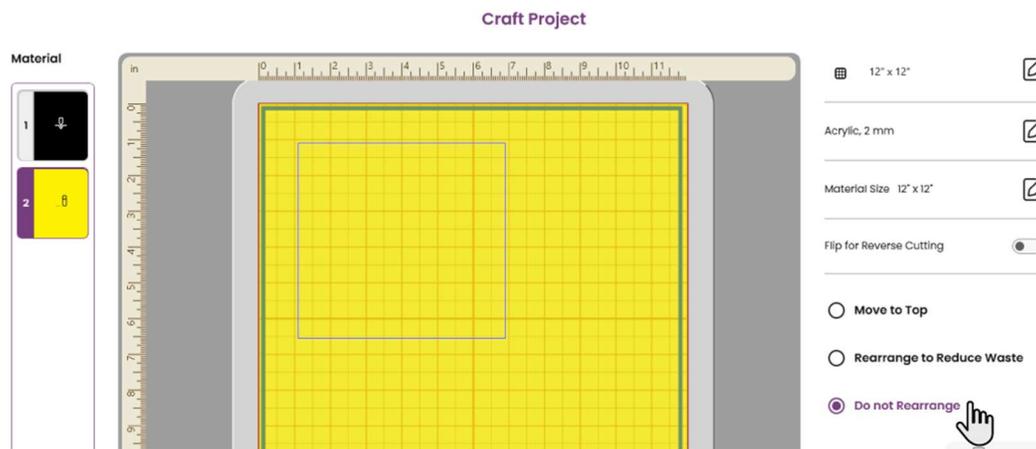
- Select the objects (including Lettering) and change the operation type to Engrave. If you have added multiple objects. Select All and Attach.



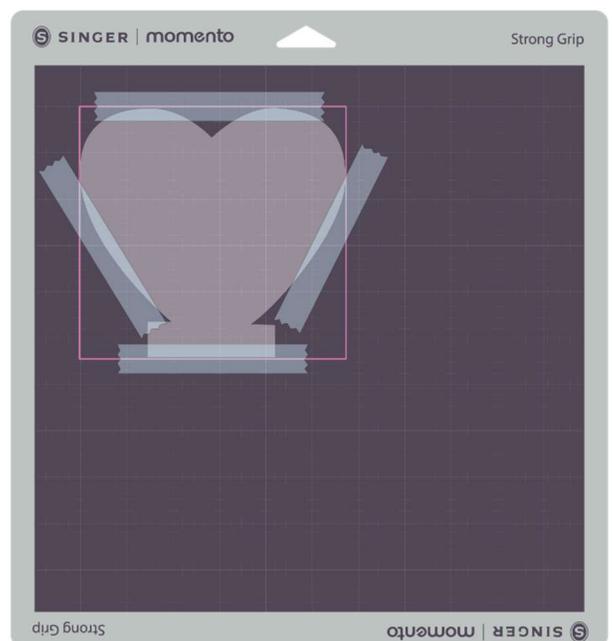
- Optional step: For extra help to position your acrylic blank in the right spot on the mat. Add a basic shape. Change the operation type to pen. Adjust the size so it is the same height and width as your acrylic. Change the material color for this layer. Line it up with the image guide.



7. Go to the Output menu and select Send to Machine. Insert the engraving tool in the right carriage and if you are making the optional step, insert the pen in the left holder. Select Mat Size 12" x 12" and Material (Acrylic).
8. Load the mat. Make sure the pinch wheels are moved so that they will not interfere with the acrylic.
9. If you are doing the optional step, on the Craft Project screen select the pen layer and **"Do not Rearrange"**. This is important as we want the engraving design to be in the same spot as on the canvas. Follow the steps to draw the shape directly onto the mat. Do not worry, the pen marks can be wiped off with a damp cloth! Do not Eject the mat.



10. If your acrylic has protective plastic film on both sides, remove it from one side, this side should be facing up. With the mat still loaded in the machine, place the acrylic blank on the mat. Use the lines as a guide to match the position on your canvas or if you have drawn a shape on your mat, that will help you place it in the right spot. Use painter's tape to tape down the material to prevent it from shifting during the engraving process.
11. Select the engraving layer and **"Do not Rearrange"**. Follow the steps to engrave your project.



12. Remove your engraved project from the mat and use a soft cloth to remove the residue. Remove the protective film from the back as well. Place the engraved acrylic in the LED light base and see the magic!

