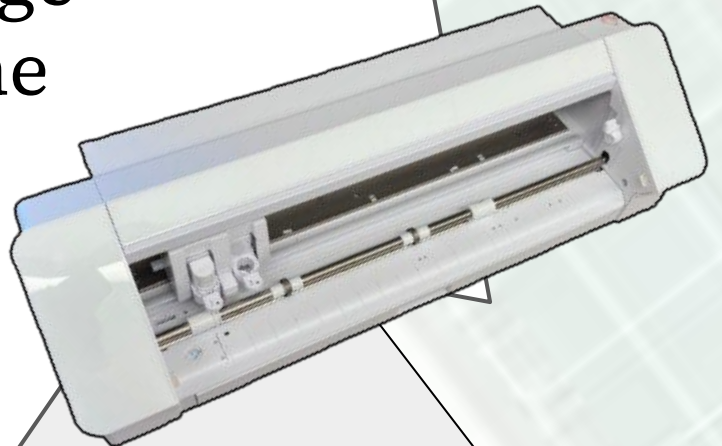


# **Silhouette Cameo**

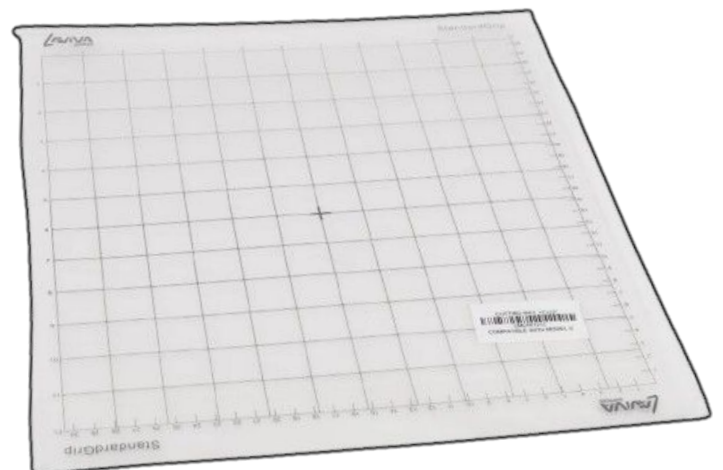
Usage  
Zine



# Usages

This handy machine can do a number of things:

- Cut out detailed designs
- Create stickers
  - Die cut
  - Kiss cut
- Handle many materials
  - Printer paper
  - Cardstock
  - Leather
  - Vinyl
- Make decals
- And much more!



# So you wanna learn the blade...

The Silhouette Cameo is a paper CNC machine that can save you hours that otherwise would be spent struggling over scissors.

There are two major parts to learn in the workflow:

- File preparation
- Cameo operation



The cutting blade

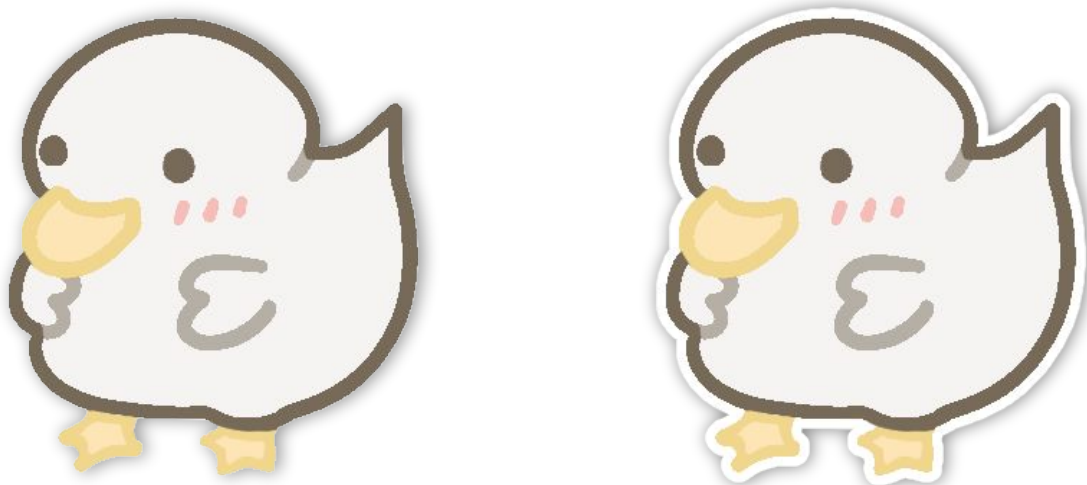
The most important thing is to prepare the design you want so that it is able to be recognized as a vector inside of the Cameo's program, Silhouette Studio.

Your choice of program may change based on the design, material, and the purpose.

# Editing: Stickers

There are multiple ways to go about preparing the image so that the correct vector is created to direct the way the machine cuts.

To balance out the imprecision of the cameo, especially on smaller and/or more detailed stickers, you can add a border. This can be done inside the program or prepared ahead of time in Clip Studio Paint, provided here in the Scholars' Lab Makerspace.

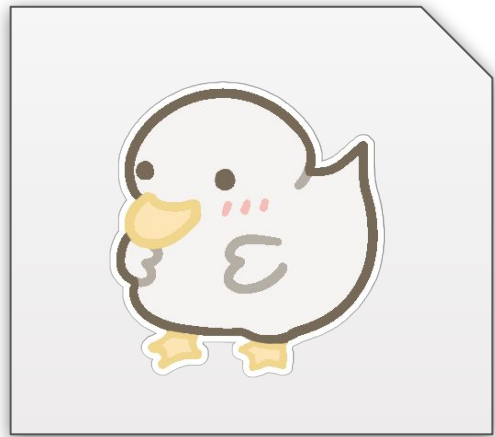


# Editing: Stickers

There are two types of cuts that can be done for stickers: die cut and kiss cut.



Die cut



Kiss cut

The die cut stickers cut it so that it is punched through all the way. The kiss cut does not cut past the sticker backing and merely separates the design enough so that it can be peeled off.

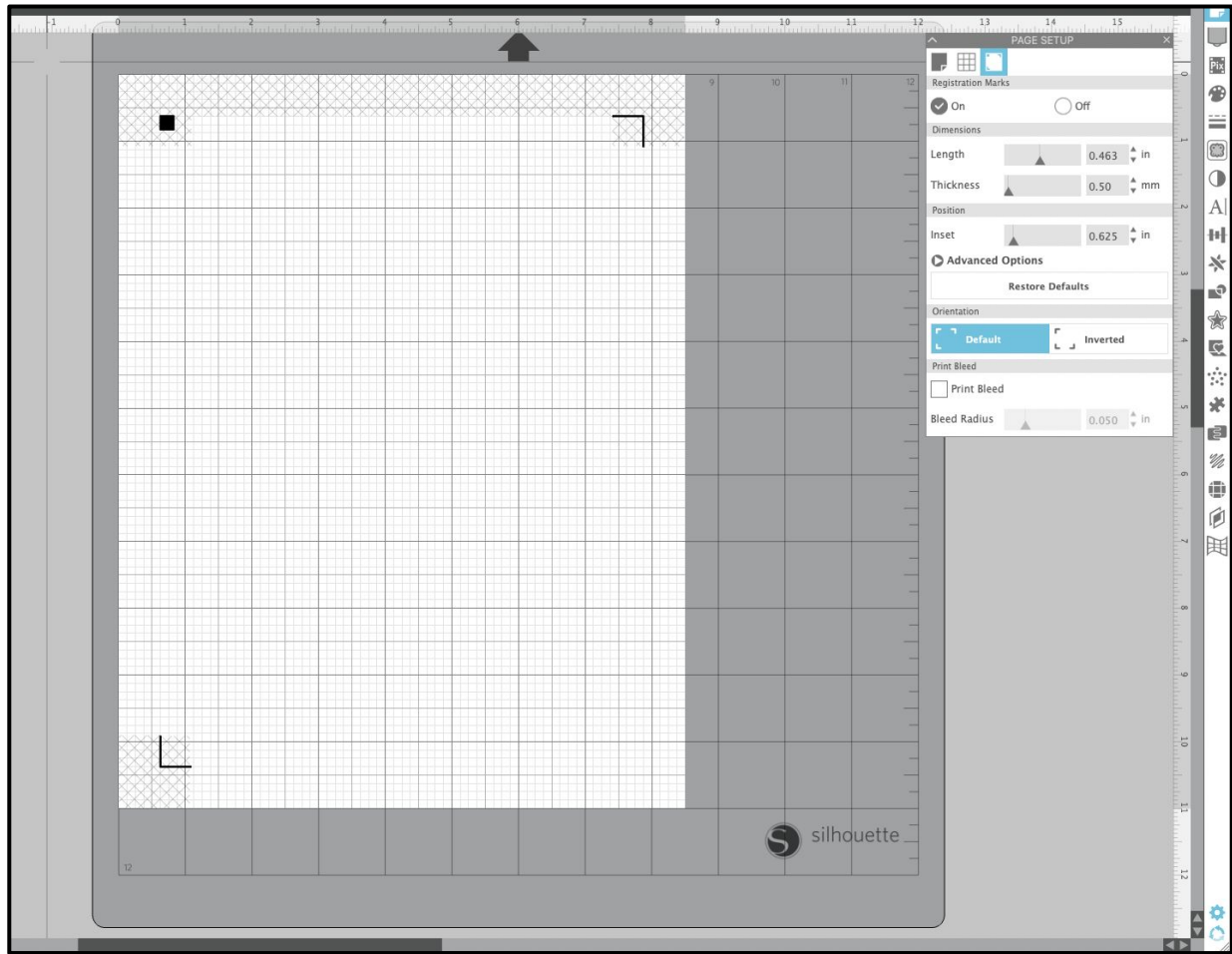
# Software

Silhouette Studio is the program with the 

Icon. Here you can input in the:

- Material type
- Image / Vectors
- Registration marks
- Mat size
- Material size

# Software: Registration Marks



Registration marks are the markings in black that signify to the sensor where the edges are. They are optional for cuts where exact alignment is not important such as when there is no printed design to go around.

# Feeding

Prepare the sticky mat and make sure to select one that matches the size of the input inside Silhouette Studio

With your left hand holding the mat in the middle and right hand above the up arrow to feed it in,



# Troubleshooting

The metal bars in the middle

If the paper is not cutting or cutting with soft, ripped edges

If the registration is failing despite the light going over the black square...

Try lifting the paper so it is level with it and not

If the blade is only grazing the surface