

cutting machine workshop

# Silhouette cutting machine



Create DIY projects from cutting out fabric patterns, to creating custom stickers. We could upload our designs and cut paper to include it on our circuit stickers!

# Silhouette Studio®

Download:

<https://www.silhouetteamerica.com/software/ss/download>

< All Software



Download the free version, get software updates, purchase upgrades, or learn more about Silhouette Studio.

DOWNLOAD/UPDATE

PURCHASE UPGRADE

ABOUT

LEARN MORE

[Click here](#) for all Minimum System Requirements.

[Click here](#) for Silhouette Studio® feature comparisons.

Looking to register and set up a new machine? [Click here](#).

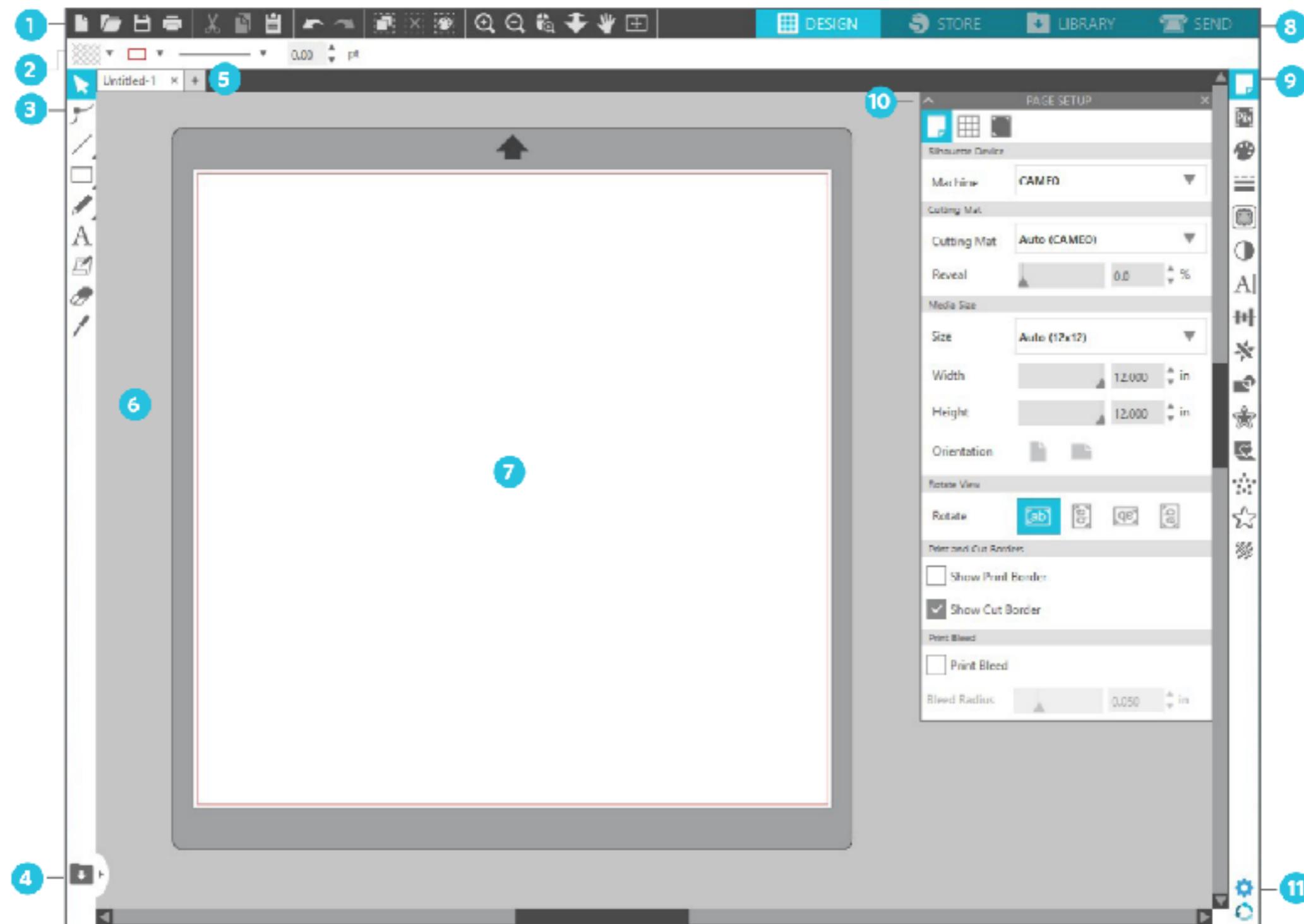
Download Silhouette Studio® 4.4.554

Mac 64-bit ▾

System Requirement: Mac OS X 10.10 & higher

File Size: 394mb

# Navigate Silhouette Studio®

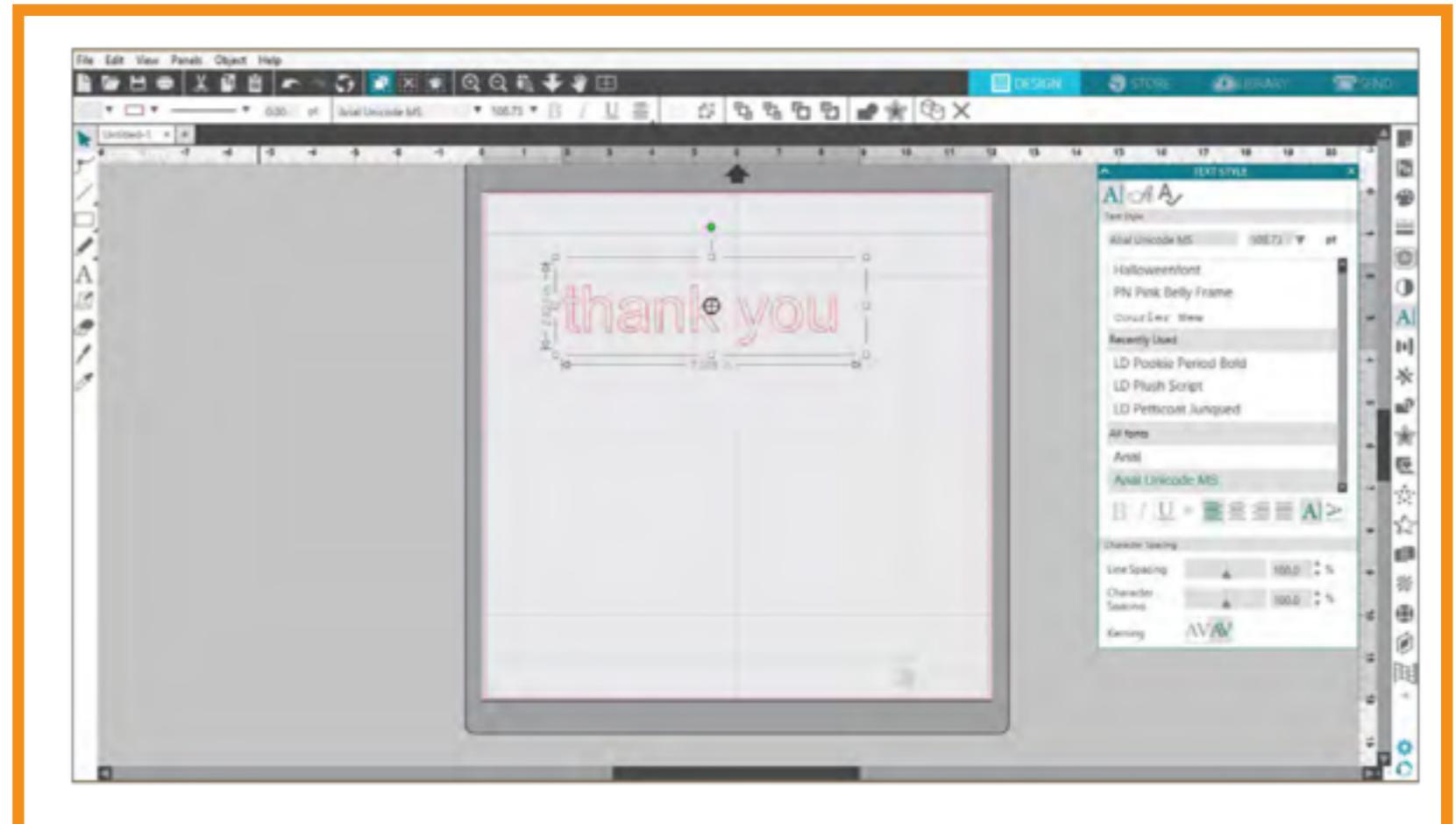
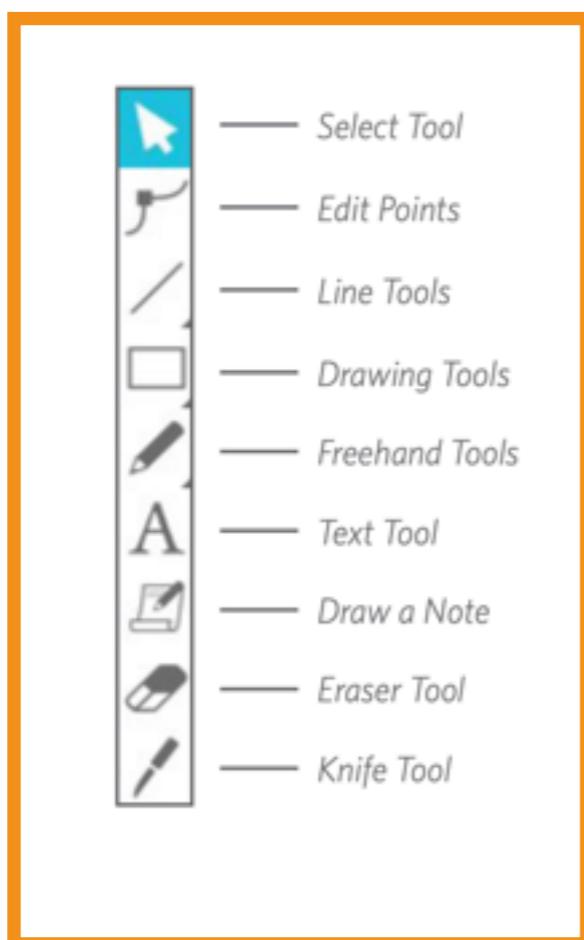


1. Document Tools—Tools you need to adjust your document or select objects on your document.
2. Quick-access Toolbar—These tools that come up are specific to the task you are doing to help make adjustments easier.
3. Drawing Tools—The drawing tools are what you'll use to make shapes and add text to the design area.
4. Active Cut Area—Here you'll create and place your designs. Anything left in this area can be cut or printed.
5. Navigation Tabs—These tabs will take you to certain places in the software.
6. Silhouette Studio® Tools—The Silhouette Studio® tools have different functions you can use to adjust your designs.
7. Panels—Here is where the panels for the Silhouette Studio® tools pop up to give you more options.

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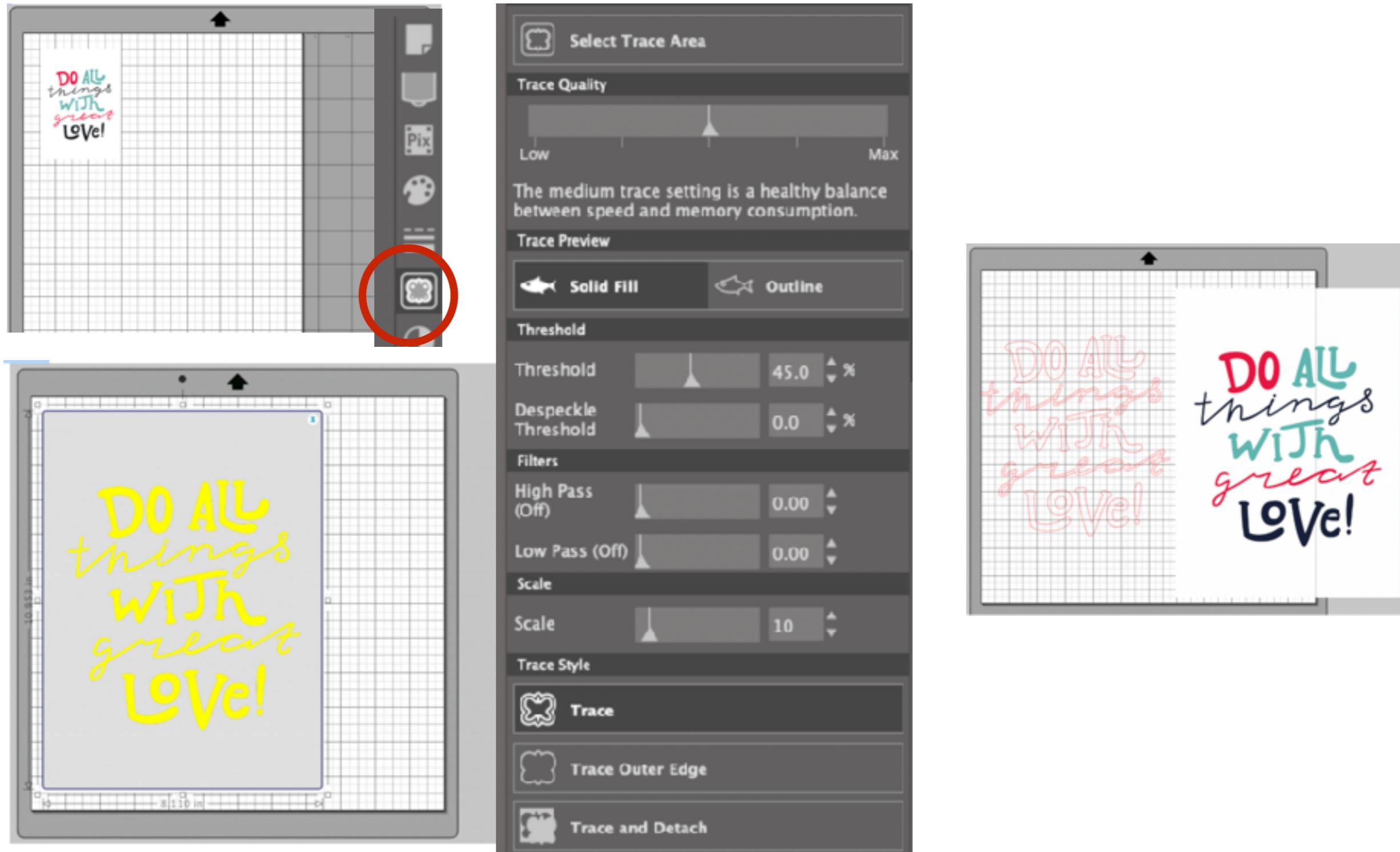
## drawing tools



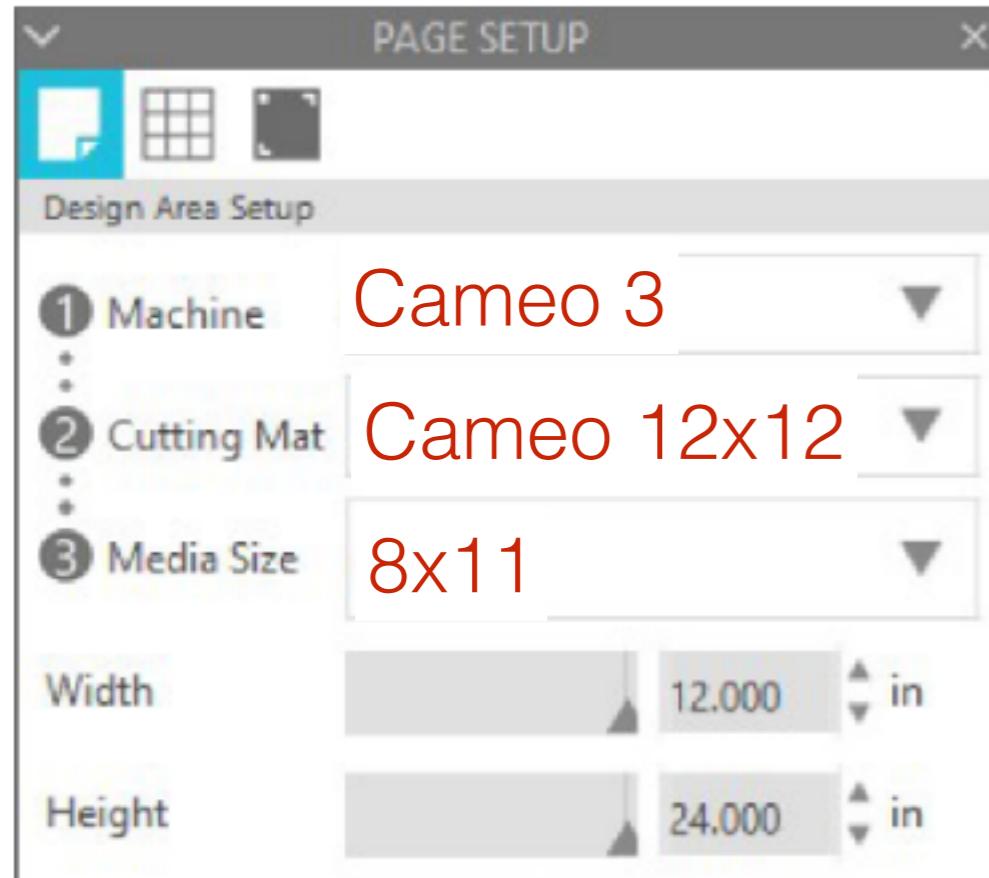
# Tracing

## Navigate Silhouette Studio®

1. You can open a PNG file in Silhouette Studio by going to “File, then “Open”. Resize your graphic as needed.
2. Go to “Object”, then “Trace”.
3. “Select Trace Area”.
4. Adjust the “High Pass Filter” until the entire design turns yellow. Then click “Trace”.
5. Move over and delete the original design file and – voila!



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The screenshot shows the Silhouette Studio interface with the 'SEND' tab highlighted by a yellow box. The top navigation bar includes 'DESIGN', 'STORE', 'LIBRARY', and 'SEND'. Below the tabs, there are four tool buttons: Simple, Line, Fill, and Layer. A dropdown menu for 'Tool 1' is open, showing the following settings:

- Material: Copy paper, Medium (20 lb)
- Action: Auto (Cut)
- Tool: Auto (AutoBlade)

Below this, there are three additional options:

- No Cut
- Cut
- Cut Edge

At the bottom of the screen, a 'Cut Cardstock, Plain Using CAMEO4 Tool 1' panel displays the following parameters:

- Tool Selection: 1 2 3 4 +
- Force: 20
- Speed: 4
- Passes: 1
- MORE button

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## Class exercise

1. **Create and trace** your own design. You could use the drawing tool in the software or open a **png** file you already have. Make it **4x3.5 inches or smaller.**
2. Save it as a Silhouette Studio V3 file  
(File>Save as...)
3. Select one classmate on your table for opening all your files and create **ONE document to cut.**
4. Save it as a Silhouette Studio V3 file and submit all of them to the assignment on Canvas: <https://ucdavis.box.com/s/8gcrc5as9cbj00u2nokjq8tp7eioo6oy>

