



CAMEO *PRO*

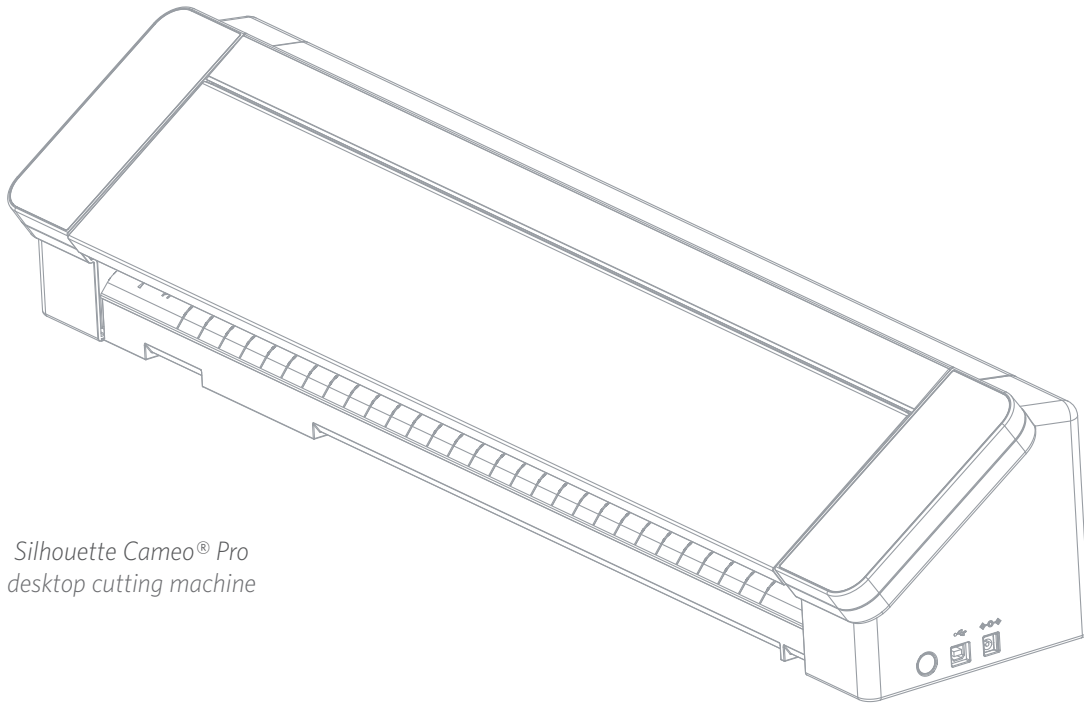
User Manual

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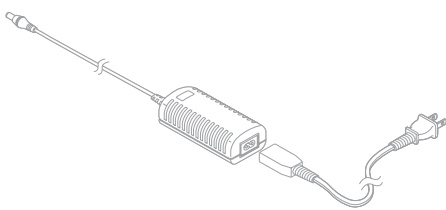
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What's in the Box?

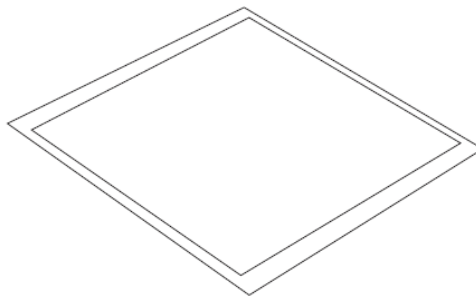
The Silhouette Cameo® 4 Pro comes with the items shown in the following list. Check that all the items have been included before you proceed to use the machine. If you are missing any items listed below, please contact support@silhouetteamerica.com.



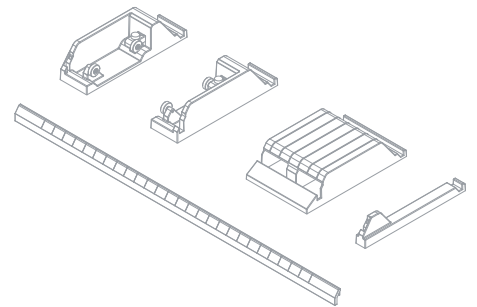
*Silhouette Cameo® Pro
desktop cutting machine*



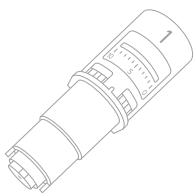
*A/C adapter and
power cable*



24-inch cutting mat



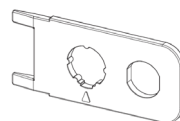
Roll feeder and mat support pieces



*AutoBlade
for Cameo 4*



USB cable



*Handheld
blade adjuster*

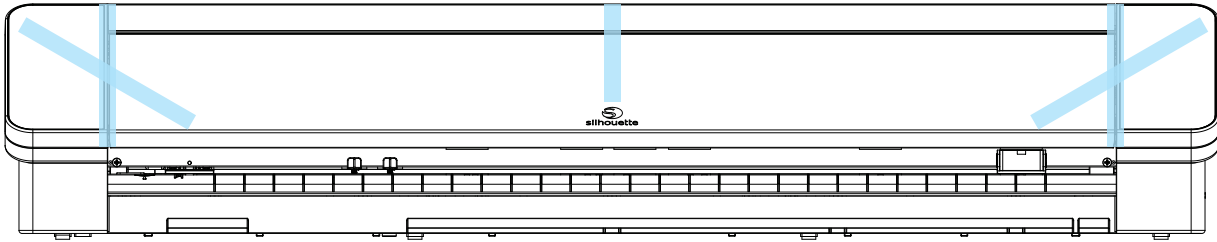


*Sketch Pen
adapter*

Remove Packaging from the Machine

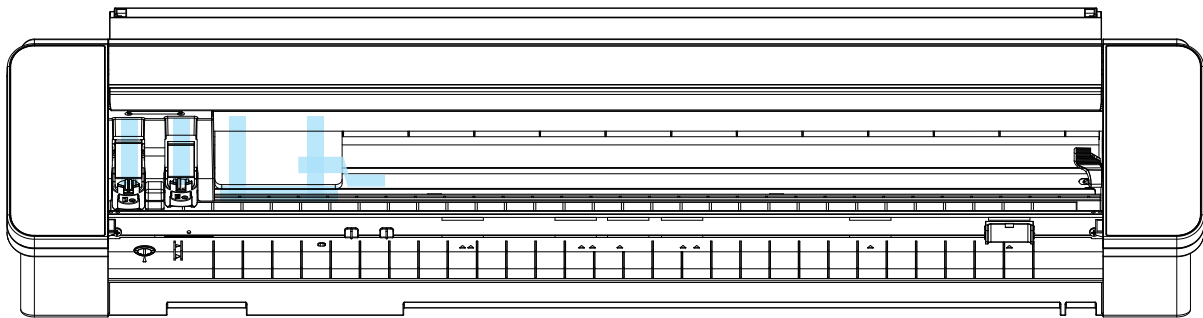
There are strips of tape, cardboard, and foam to hold the moving parts of the Cameo Pro in place during shipment to prevent any damage to the machine.

Take the Silhouette Cameo® 4 Pro from the box and remove the strips of tape that are holding the lid and any machine pieces in place.

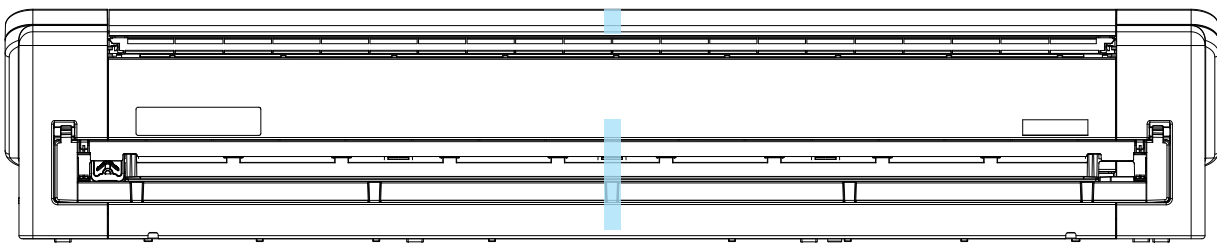


Remove the three tabs that are holding the clear plastic covers in place on the front of the machine; you'll remove the two pieces on the side panels and the piece along the top of the machine.

Next, lift the lid slightly and slide it back. Remove the tape, cardboard insert, and any foam pieces you see here.

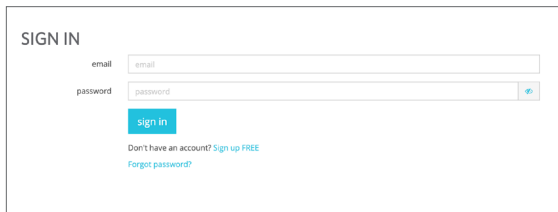


Don't forget to remove the strip of tape on the back of the machine that is holding the crosscutter in place.



Register Your Machine

Go to SilhouetteAmerica.com/setup to go through all the proper steps to set up your machine. The first thing to do is create a Silhouette account, if necessary, and register your machine. Completing this step is what will allow you to access your 100 free designs in your Silhouette Library.



SIGN IN

email

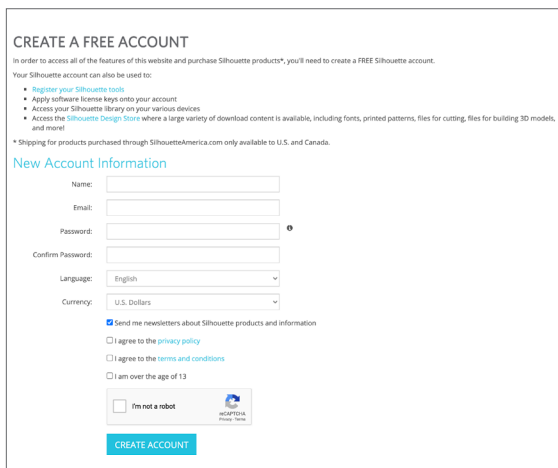
password

[Sign In](#)

[Don't have an account? Sign up FREE](#)

[Forgot password?](#)

If you have an account, input your login credentials and click “Sign In.”



CREATE A FREE ACCOUNT

In order to access all of the features of this website and purchase Silhouette products*, you'll need to create a FREE Silhouette account.

Your Silhouette account can also be used to:

- Register your Silhouette tools
- Apply software license keys onto your account
- Access your Silhouette library on your various devices
- Access the [Silhouette Design Store](#) where a large variety of download content is available, including fonts, printed patterns, files for cutting, files for building 3D models, and more!

* Shipping for products purchased through SilhouetteAmerica.com only available to U.S. and Canada.

New Account Information

Name:

Email:

Password:

Confirm Password:

Language:


Currency:

Send me newsletters about Silhouette products and information

agree to the [privacy policy](#)

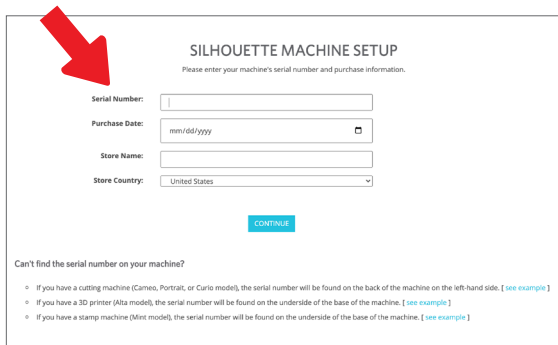
agree to the [terms and conditions](#)

I am over the age of 13

I'm not a robot 

[CREATE ACCOUNT](#)

If you don't have a Silhouette account, click the “Sign Up FREE” link. Fill in your information. When you're finished, click the “Create Account” button.



SILHOUETTE MACHINE SETUP

Please enter your machine's serial number and purchase information.

Serial Number:

Purchase Date:

Store Name:

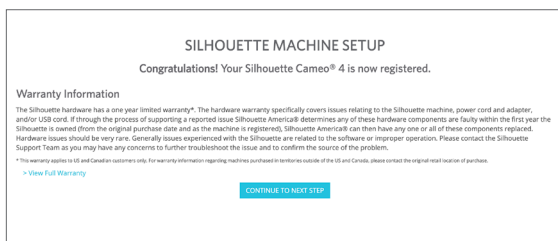
Store Country:

[CONTINUE](#)

Can't find the serial number on your machine?

- If you have a cutting machine (Cameo, Portrait, or Curio model), the serial number will be found on the back of the machine on the left-hand side. [\[see example \]](#)
- If you have a 3D printer (Xtreme model), the serial number will be found on the underside of the base of the machine. [\[see example \]](#)
- If you have a stamp machine (Mini model), the serial number will be found on the underside of the base of the machine. [\[see example \]](#)

Next you'll enter your address. After submitting that information, you'll see this screen, which you'll use to register your machine. You'll enter the serial number of your machine. You can find that information on a sticker on the back of your machine on the right-hand side. You'll also enter the purchase date and where you purchased it from.



SILHOUETTE MACHINE SETUP

Warranty Information

Congratulations! Your Silhouette Cameo® 4 is now registered.

The Silhouette hardware has a one-year limited warranty*. The hardware warranty specifically covers issues relating to the Silhouette machine, power cord and adapter, and/or USB cord. If through the process of supporting a reported issue Silhouette America® determines any of these hardware components are faulty within the first year the Silhouette is covered from the original purchase date and as the machine is registered, Silhouette America can then have any one or all of these components repaired. Hardware issues should be very rare. Generally issues experienced with the Silhouette are related to the software or improper operation. Please contact the Silhouette Support Team as you may have any concerns to further troubleshoot the issue and to confirm the source of the problem.

* This warranty applies to US and Canadian customers only. For warranty information regarding machines purchased in territories outside of the US and Canada, please contact the original retail location of purchase.

[View Full Warranty](#)

[CONTINUE TO NEXT STEP](#)

The next section provides you with your warranty information, if applicable. After you've gone through this registration process, you can continue with your machine setup.

Download and Install Silhouette Studio®

Go to step 2 on [SilhouetteAmerica.com/setup](https://www.silhouetteamerica.com/setup) to download the latest version of Silhouette Studio®. Click on your operating system (Mac or Windows) and follow the prompts on your computer to finish the installation.

The software is necessary to run your Cameo Pro cutting machine, so don't forget this step!

SILHOUETTE MACHINE SETUP

Please to follow the steps below to set up your new Silhouette Cameo® 4

STEP 1: Setup machine

STEP 2: Download & Install software

STEP 3: Get your FREE content

STEP 4: Learn to use your Silhouette

STEP 2: Download & Install Software

a. Download the Silhouette Studio® software
Click on your computer type below to begin downloading the software:

MAC (64-bit)
WINDOWS (64-bit)
WINDOWS (32-bit)

NOTE: If you already have the Silhouette Studio® software installed from a previous Silhouette machine, it is recommended to update the software to the latest version provided here.

b. Install the Silhouette Studio® software
Once the download is finished, select to RUN the software set up and select the default installation options provided.

You may launch the software after installation is complete. You may launch the software at any time from the desktop icon created:

c. Install the Silhouette Studio® software
After installation is complete, launch the software from the desktop icon created:



Silhouette Studio

d. Connect the Silhouette Cameo® 4

You'll learn more about how to use the Silhouette Studio® software later in the manual. For now, finish the machine setup process.

Claim Your Free 1-Month Basic Subscription

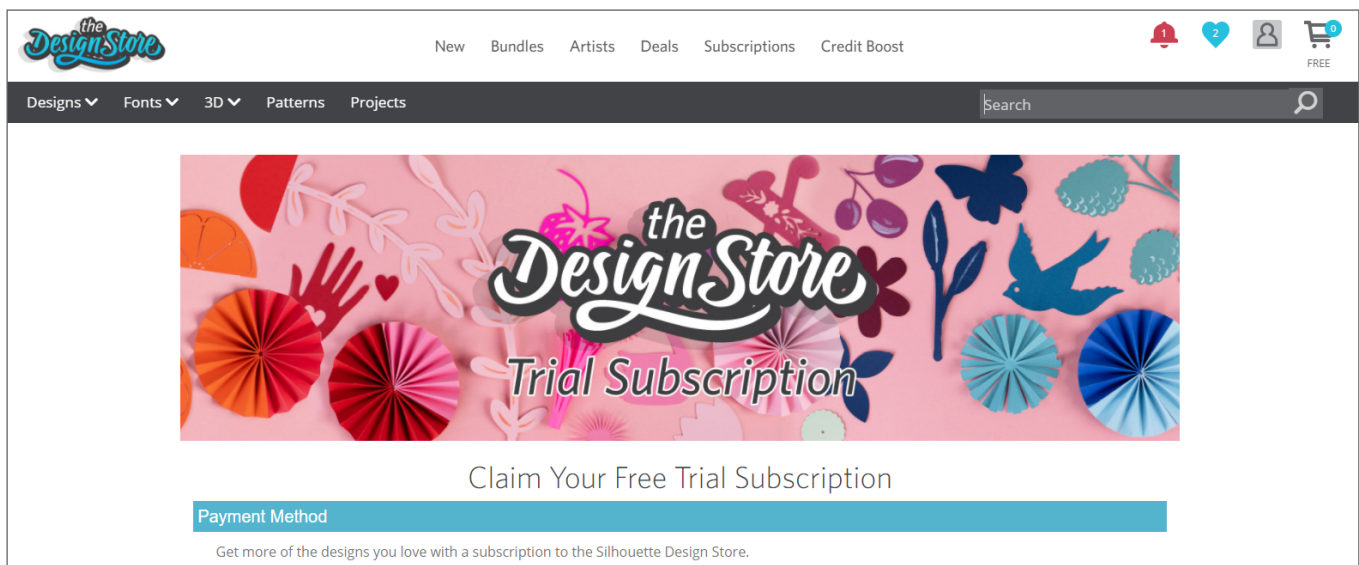
Once you register your Silhouette machine, you're eligible to receive a free 1-month subscription to the Silhouette Design Store.

With a subscription, you'll get a certain number of credits every month to purchase designs. The number of credits you get depends on the subscription tier you have. The subscription you'll be starting out with is the Basic tier, which means you get \$25 of credits for the month.

To claim your free 1-month subscription, start by going to the Silhouette Design Store. You can do this by opening a web browser and going to SilhouetteDesignStore.com or clicking on the STORE button in Silhouette Studio® (found in the upper right-hand corner of the software).

Sign in to your Silhouette account in the Design Store. This is the same account information you used when you registered your machine. To sign in to your account, click Sign In located in the upper right-hand corner. Input your email address and password and click Sign In.

Upon your first visit to the Design Store after registering your Silhouette machine, you should be automatically redirected to the Trial Subscription redemption page at SilhouetteDesignStore.com/trial-subscription.



When you've filled out your information, go to the next step to Review and Confirm your subscription.

Note: If you already have an active Design Store subscription, a credit equivalent to the Trial Subscription amount will be added to your available account balance.

Access the 100 Free Designs in Your Library

After you register your Cameo Pro, you will be able to access the 100 free exclusive designs that come with your machine.

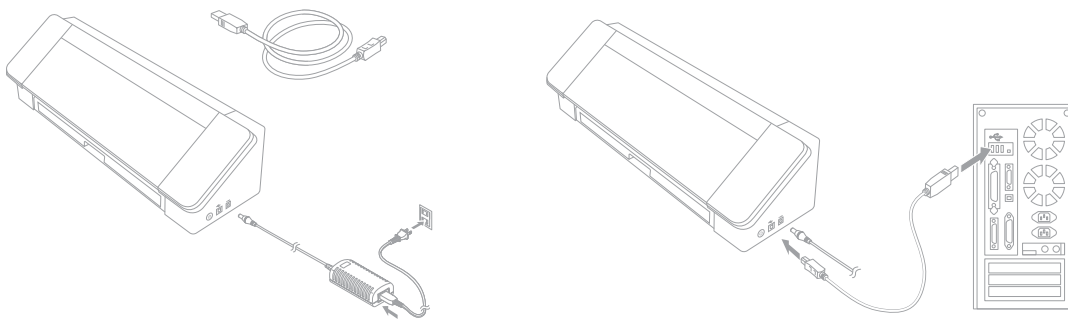
To view your free designs, go to the Library tab in Silhouette Studio®. The software will prompt you to sign in to your Silhouette account if you haven't already done so. Next go to the folders on the left-hand side. Click "Free with Machine" and then "Silhouette Cameo® 4 Pro."

NOTE: If the special free content for the Silhouette Cameo® 4 Pro does not appear, please exit the software and confirm your registration of the Silhouette Cameo® 4 Pro. You may then reopen the software to locate the content. If continued concerns are met, please contact support@silhouetteamerica.com

NOTE: While you do need to be connected to the internet for initial setup, all content in the Silhouette Library can be accessed and used offline. The Silhouette Library experience, including content and library structure, is synced between all devices you sign in to.

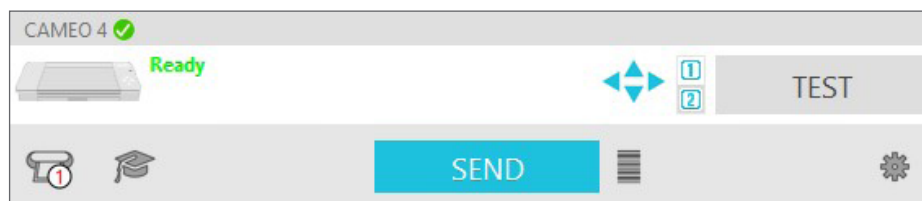
Connect the Cameo Pro

Connect the Silhouette Cameo® Pro to the power supply. Start by connecting the cable and the adapter and plugging the cable into the Cameo machine. Plug the power cord into a wall outlet.



Next, connect your machine to your computer using the USB cable. Then press the circular power button to power on your machine.

If you haven't already done so, open Silhouette Studio®. Go to the Send tab (located in the upper right-hand corner of the software) to open the Send panel. Verify that your machine is connected and displays a "Ready" status.



You may need to click on the machine icon and select your machine for it to connect properly.

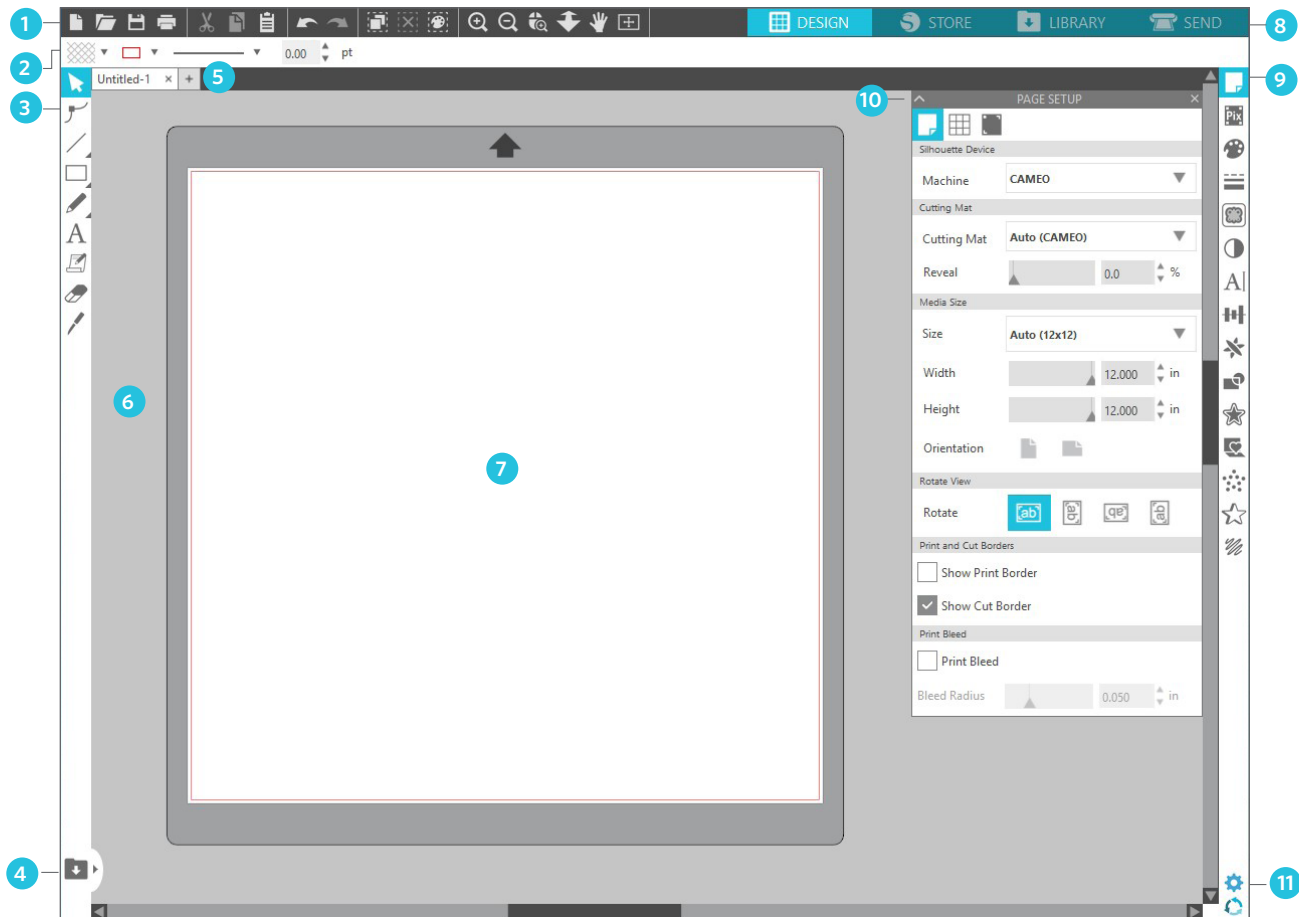
Navigate Silhouette Studio®



Now that you've downloaded Silhouette Studio®, it's time to learn how to use it. To open Silhouette Studio®, locate the Silhouette Studio® icon on the desktop or in the Start Menu on your PC or in the Applications folder on your Mac. Double-click the icon to run the application.

Once Silhouette Studio® has loaded, you will notice a blank 12-inch-by-12-inch design area on your screen as well as tools that surround that area.

In this manual, you will learn the basics of how to use the software. If you would like to learn more, you can access the Silhouette Studio® software manual. You can find the manual on SilhouetteAmerica.com/setup under Step 6 or on Silhouette101.com.

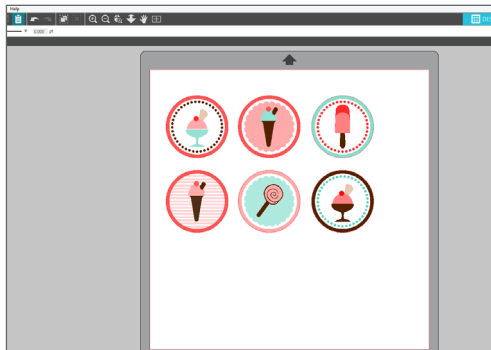


Work Area Overview

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. Library Split Screen—This button allows you to create a library/design space split screen.
5. Document Tabs—These tabs are what you'll use to switch between documents you have open.
6. Holding Area (Gray)—The holding area can be used to hold designs if you're rearranging your design space. Designs left in this area will not be cut or printed.
7. Active Cut Area—Here you'll create and place your designs. Anything left in this area can be cut or printed.
8. Navigation Tabs—These tabs will take you to certain places in the software.
9. Silhouette Studio® Tools—The Silhouette Studio® tools have different functions you can use to adjust your designs.
10. Panels—Here is where the panels for the Silhouette Studio® tools pop up to give you more options.
11. Preferences and Themes—These options allow you to adjust your preferences and settings for Silhouette Studio®.

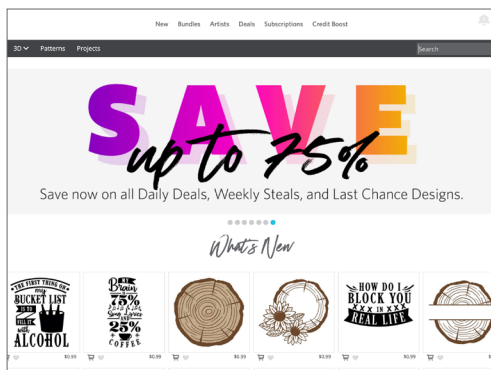
Navigation Tabs

There are four tabs along the top right-hand side:



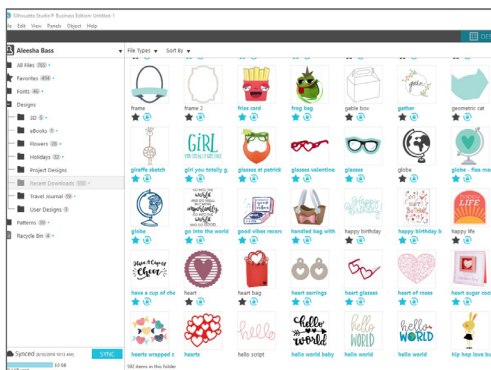
Design

This design area is your workspace to create projects. This area houses the toolbars, the white design page, and the gray holding area. When you are in the Library, the Silhouette Design Store, or the Send menu, click the Design tab to return to your design page.



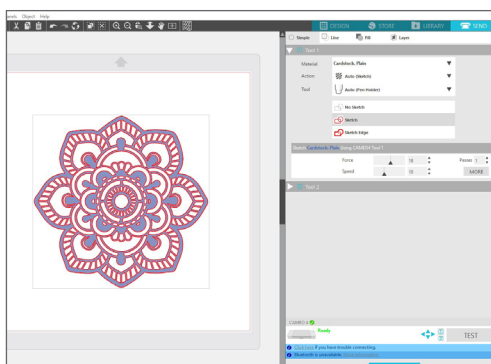
Store

When you are connected to the internet, the Store tab opens a browser window and takes you to the Silhouette Design Store, where you can browse and purchase designs.



Library

You can access your stored designs from the Library tab. Sort and organize your designs any way you would like by adding folders and subfolders. Designs can be stored on your computer or in the Silhouette Library.



Send

The Send tab allows you to adjust the cut settings for your designs and send them to your Silhouette. This menu works similar to a Send to Print menu in other programs.

Design Area

The Design area is the first area you'll see when you open Silhouette Studio®, and it is the area you'll likely spend most of the time in, so it's important to learn how to use it to create your designs.

Panels

Each Silhouette Studio® Tool icon opens its own panel. Panels open on the right side of the design space, next to the Silhouette Tools icons. The panel that opens by default is the Page Setup panel, which allows you to make adjustments to the design space, such as the machine, the page size, and the material (or media) size you want to work with.

You can open panels one at a time, or use multiple panels at once. To use multiple panels, click and drag the name bar to move it to a new location, and then click another icon to open the next panel. You can have as many panels open as you want, and you can move them anywhere in your design screen.

Collapsing Panels

Panels can be collapsed by clicking the arrow on the left-hand side of the panel. Collapse, move, and rearrange the panels to set up your screen exactly as you like. When you close panels, the ones underneath will jump up to fill their place.

Sticky Panels

Panels are sticky, meaning they snap to the top of the design area or to each other. But panels don't need to stick to each other. You can move groups of panels or individual panels anywhere on your screen. Depending on your project, you might want lots of panels open to make adjustments using a wide variety of tools, or you might only want a single panel open at a time.

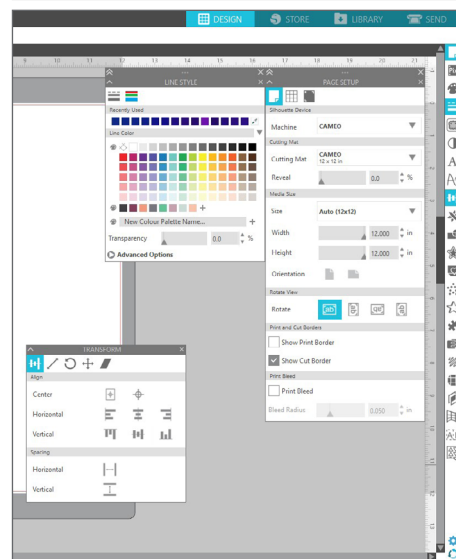
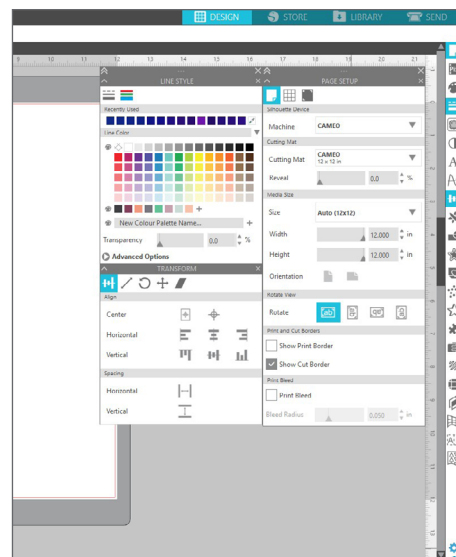
Panels Housing Multiple Icons

Some panels are single icon panels, such as PixScan™ or Offset. Other panels consist of a group of related icons. These icons are available within the panel via separate tabs. For example, the Transform panel includes the Align, Scale, Rotate, Move, and, if you have the Designer Edition, Shear icons.

Panel Mode

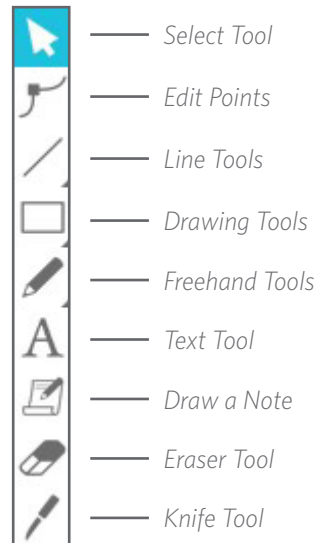
You can customize the panel mode in the Preferences panel. Under Defaults, you can choose how you want your panels to open.

- ▶ Single Panel Mode: Only one panel can be open at a time. If you have a panel open and you click another icon, that new panel will open in place of the panel that was previously open.
- ▶ Flexible Panel Mode: Default. Similar to Single Panel Mode, Flexible will replace a panel in the default location but will not replace a panel you have moved.
- ▶ Multiple Panel Mode: All new panels will open, no matter how many panels are already open.



Drawing Tools

The toolbar along the left side of the software houses the tools needed to create and alter basic shapes and text.



Note: If you have other editions of Silhouette Studio® (e.g. Silhouette Studio® Designer Edition), you may see more drawing tools than you see listed here. You can learn more about those tools in the Silhouette Studio® software manual.

Simple Shapes

Lines

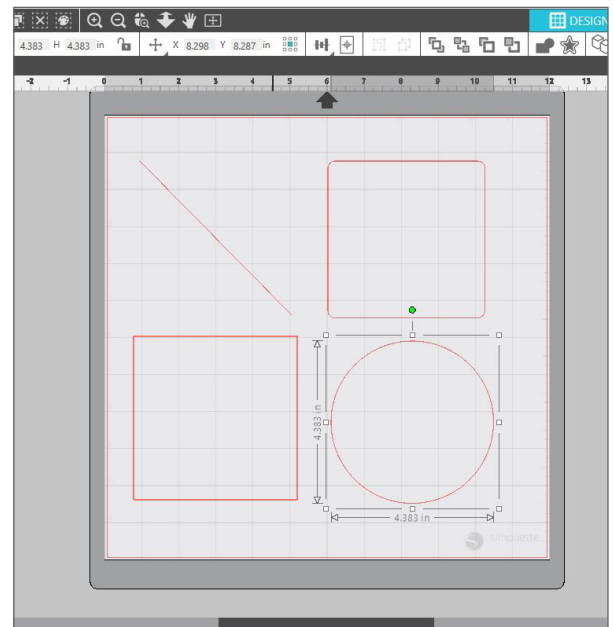
To draw a line, choose the Line Tool on the left-hand toolbar. Either click and drag with the mouse to draw a line, or click once to start the line and click a second time to end.

- ▶ Hold SHIFT while creating a line to make a perfectly vertical, horizontal, or 45° line.

Rectangles/Squares

To draw a rectangle, choose the Rectangle Tool from the left-hand toolbar. Either click and drag with the mouse to draw a rectangle, or click once to set one corner and click a second time to set the opposite corner.

- ▶ Hold SHIFT while creating a rectangle to make a perfect square.
- ▶ Hold ALT (OPTION on Mac®) to draw the rectangle from the center instead of one corner.
- ▶ Hold SHIFT + ALT (SHIFT + OPTION on Mac®) to draw a perfect square centered on your original click.



Freehand

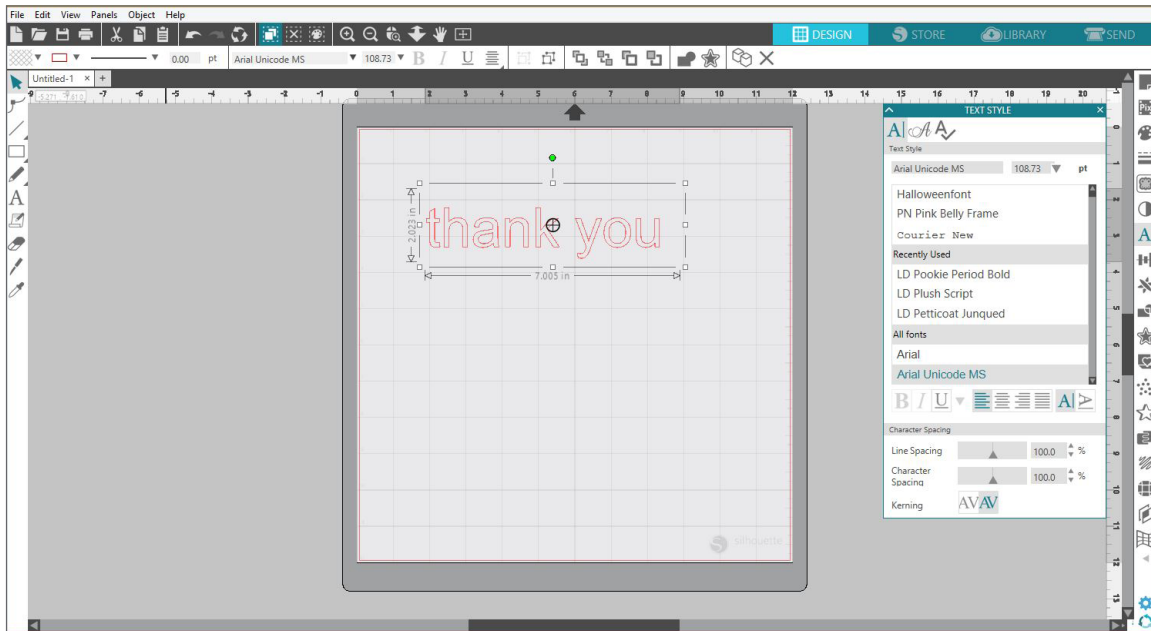
To draw using the Freehand tool, click the tool from the left-hand toolbar. You can select the normal Freehand tool or the Smooth Freehand tool. To draw, click and drag the shape you'd like to make in your design area.

To adjust the shape you've created, you can use the Edit Points tool. This tool makes the points of a shape visible and allows you to move them.



Text

To cut letters or words using any font on your computer, choose the Text tool from the toolbar on the left-hand side of the screen. With the Text tool selected, click anywhere on the page and begin typing. The font will be a default font, but you can easily change this in the Text Style panel that pops up.



After clicking on the page with the Text tool, a blinking cursor will appear. Begin typing any letters, words, or phrases you choose.

While you are typing or editing text, the Text Style Panel will appear on the right-hand side of the screen. In this panel, you can change the font, text size, weight, justification, character spacing, and line spacing. Use the mouse to highlight your text before making adjustments to the font, size, weight, etc.

To finish typing your text, click anywhere off the page. This will end the text-editing mode and deselect the text. If you need to make a change to the text, double-click the text on the page using the Select Tool (found on the left-hand toolbar).

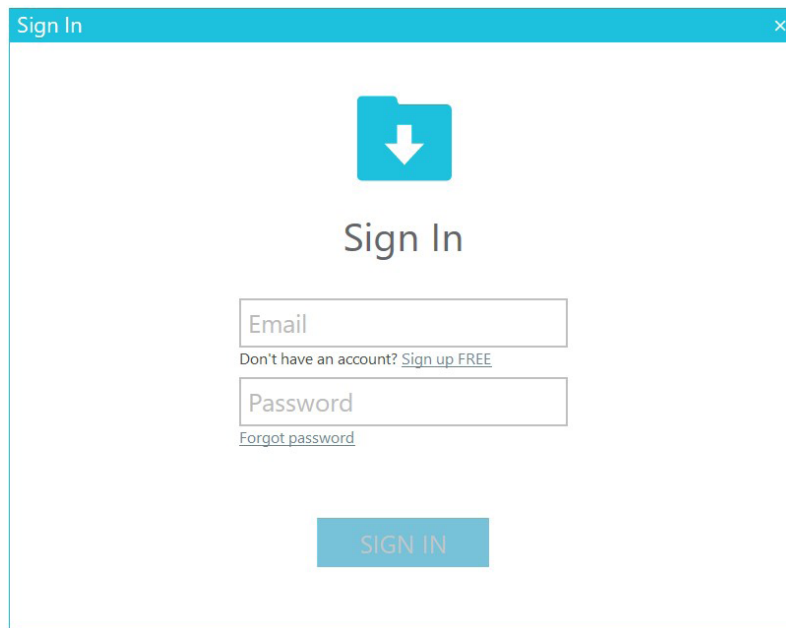
- ▶ To move your text around the page, click and drag it to a new location.
- ▶ To resize your text, select the text and then click and drag one of the corner control handles.
- ▶ To rotate your text, select the text, and then click and drag the green circle displayed above the object.

Library

Sign In

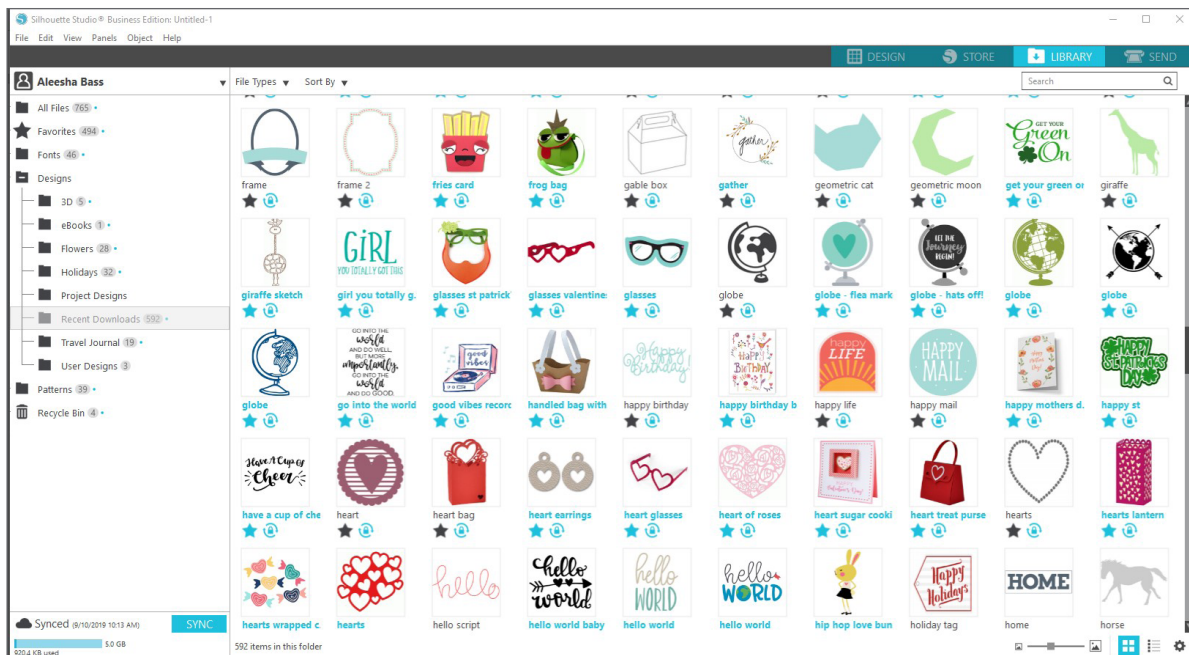
The Library is where you'll find any designs you've acquired from the Silhouette Design Store. You can also save your own designs to your Silhouette Library.

When you click on the Library tab, you may be asked to sign in to your Silhouette account if you haven't already done so. Input your email address and password, and click "Sign In." If you don't already have a Silhouette account, you can click the "Sign up FREE" link.



A dialog box titled "Sign In" with a blue header and a close button (X) in the top right corner. In the center, there is a blue folder icon with a white downward arrow. Below the icon, the text "Sign In" is displayed in a large, bold, black font. Underneath, there are two input fields: "Email" and "Password". Below the "Email" field, there is a link that says "Don't have an account? Sign up FREE". Below the "Password" field, there is a link that says "Forgot password". At the bottom center of the dialog box, there is a blue button with the text "SIGN IN" in white, uppercase letters.

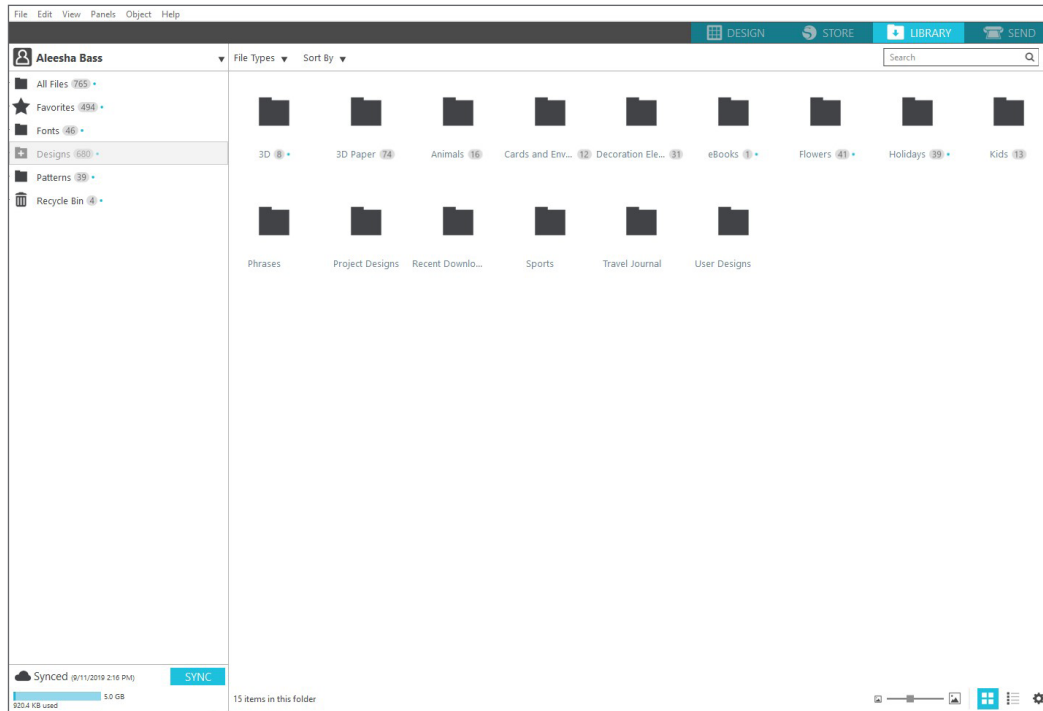
Once you've signed in, you'll see folders on the left and designs on the right. If you don't have any designs yet, don't worry! There will be plenty of time to add designs later.



Organize Your Library

You can organize your designs within your Library by creating new folders for your designs.

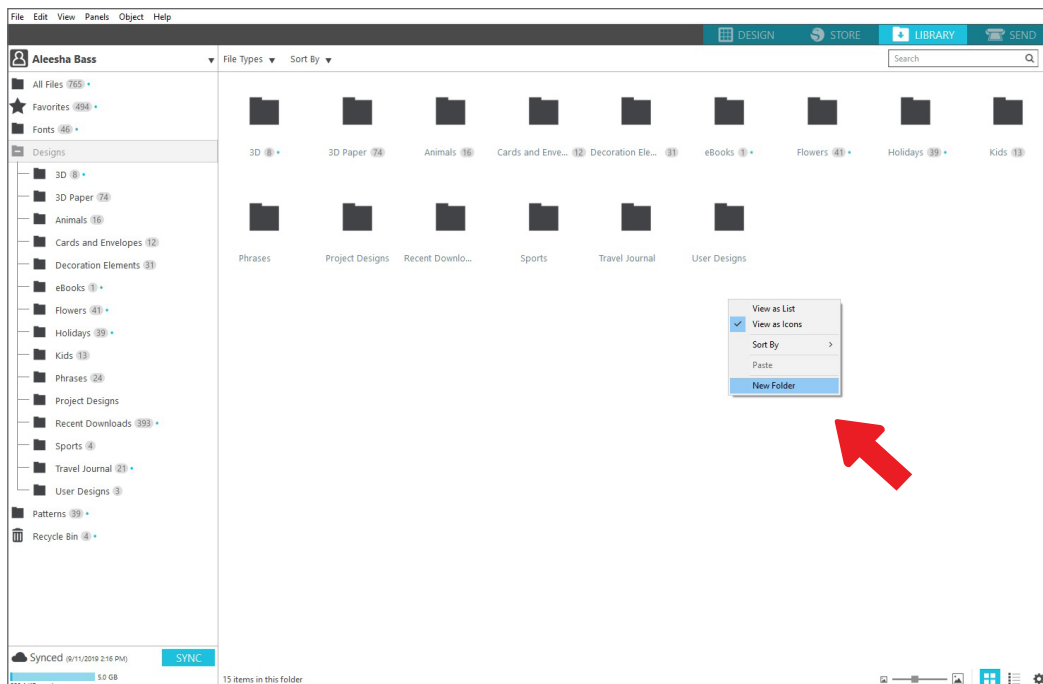
Drag any design from the right-hand window into your newly created folder in the Folders panel on the left. The numbers in circles next to each folder indicate how many designs are included in each folder.



When you purchase designs from the Silhouette Design Store, those designs will show up in your Recent Downloads. From there, you can move the designs to different folders.

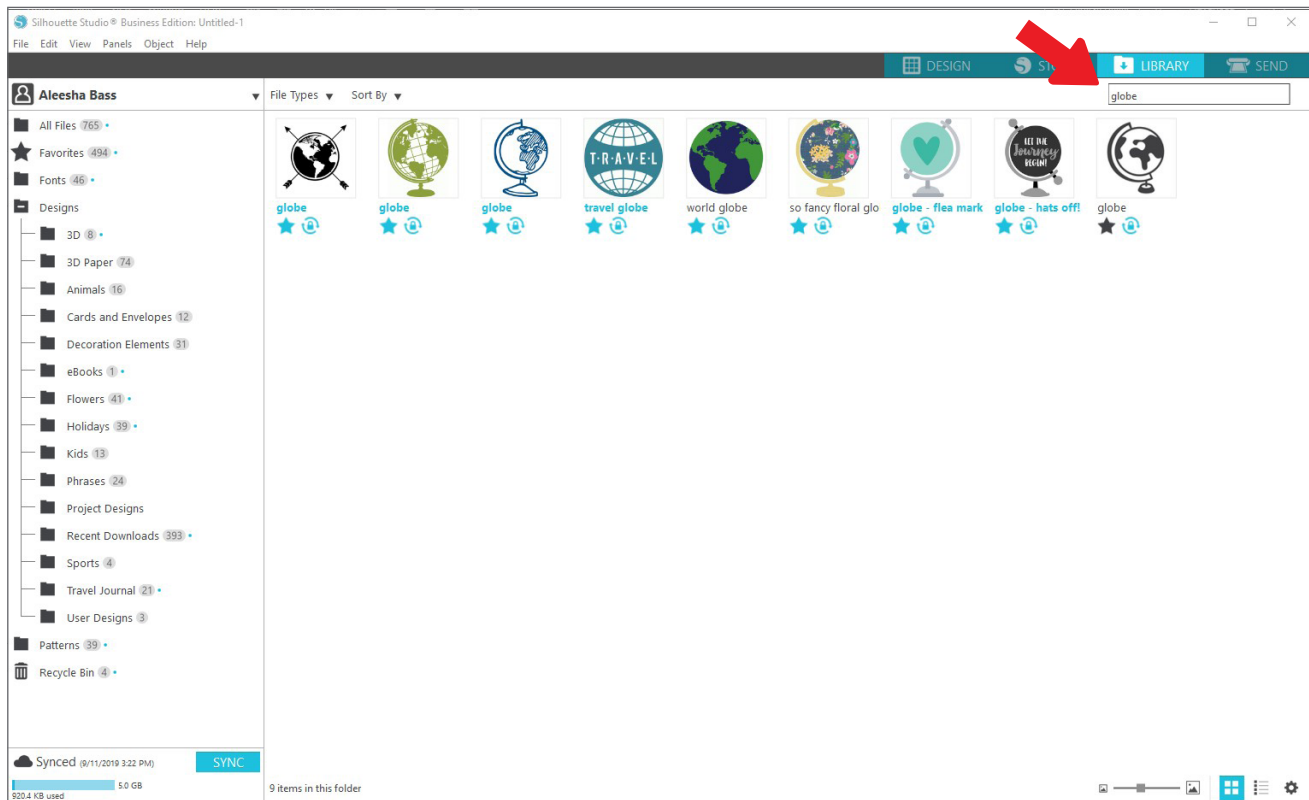
To add folders to your library, click on the Designs folder. Right-click on any empty space in the folder and select "New Folder." A new folder will pop up called "Untitled Folder," but you can rename it.

Continue to add folders and subfolders using this same method.



Search Library for Designs

Designs that you purchase from the Silhouette Design Store have certain keywords associated with them, and this makes searching for a specific design simple. If you want to search for a design, open your library by clicking on the Library tab. Go to the search box on the top right-hand side and type in your keyword.



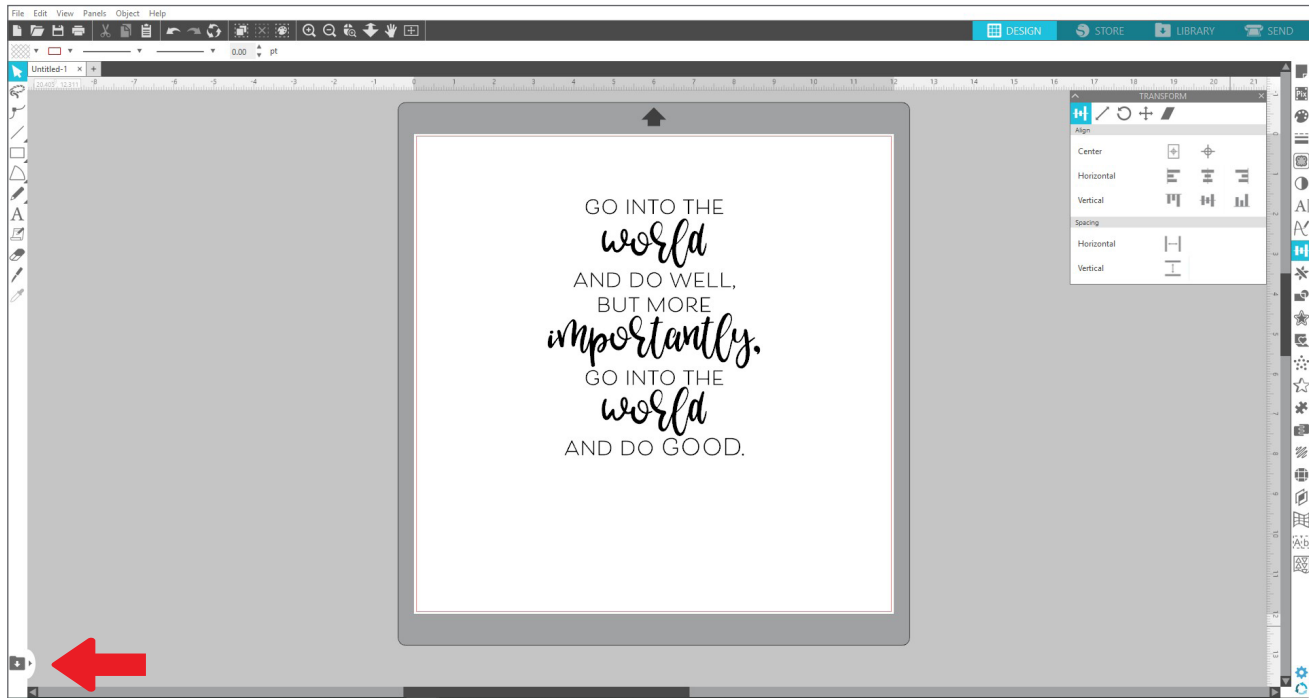
Use Designs from Library

Once you find a design you'd like to use, double-click the design to place it on your page. You can also right-click the design and select "Open [file name]." This will automatically close the library and take you to the design page. The library can be easily reopened by clicking Library tab.

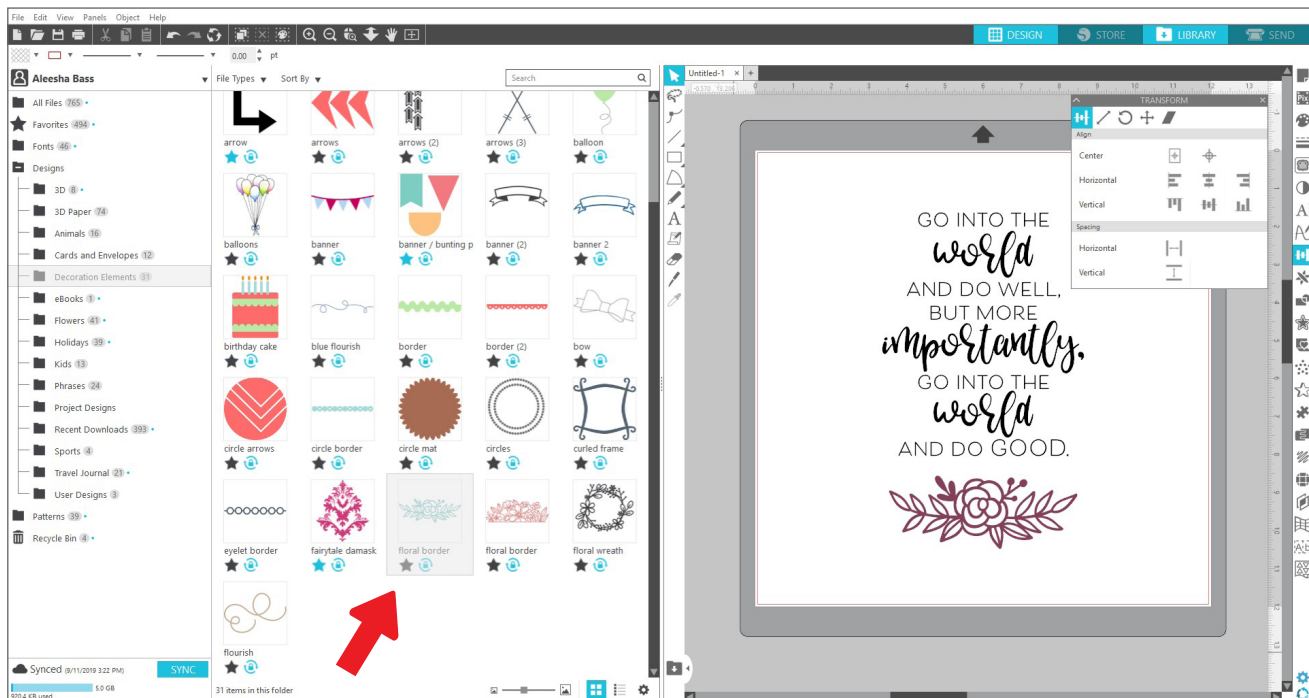
To close the library without pasting a design, click the Design tab to go back to the design area or the Store tab to search for more designs.

Show Library Split Screen

To view your design space and your Silhouette Library at the same time, you can use the Library Split Screen feature. To split the screen, you must go to the Design screen. Go to the bottom left of the screen and click the folder with the down-pointing arrow (otherwise known as the Library icon) or click the triangle pointing to the right. This will open up the split screen.



Once your split screen is open, you can navigate through your library folders to find the right design you want to add to the design page. You can either double-click a design or click and drag a design to place it on the design page.



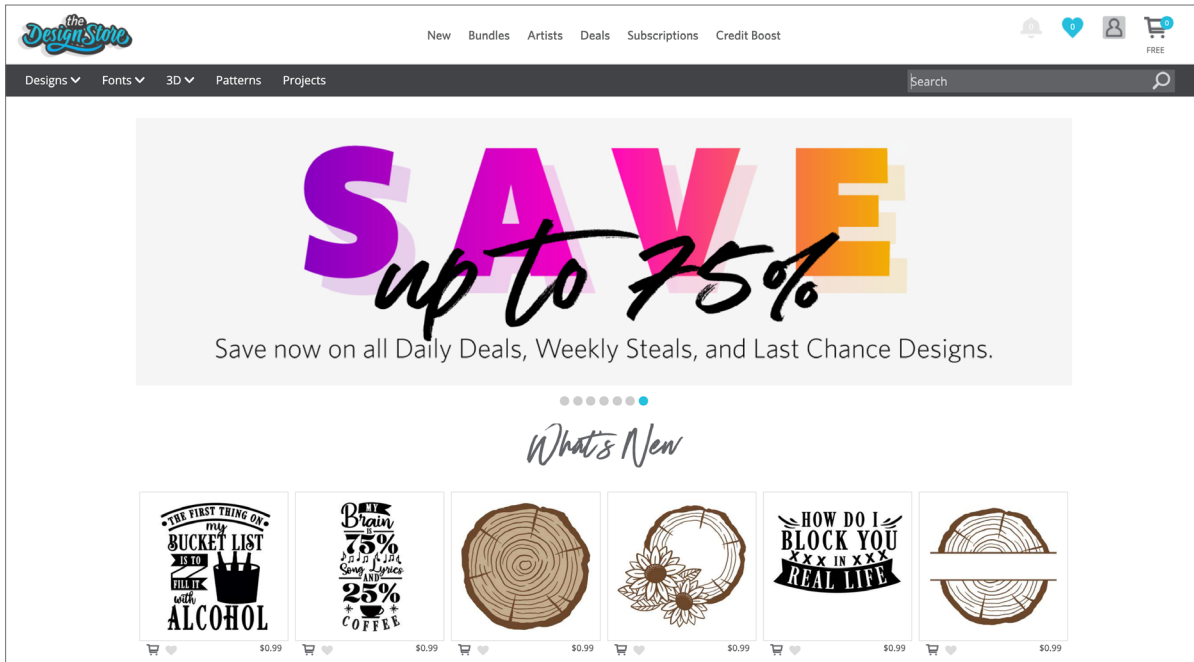
When you are done with the split screen, you can click on the same library icon in the middle of the split screen to hide the library part again.

Silhouette Design Store

The Silhouette Design Store contains over 170,000 designs—including simple cutouts, intricate patterns and designs, fonts and phrases, 3D designs, and more—to cut with your Silhouette machine. Most designs are only 99¢. There are sales that happen in the Design Store regularly, and generally there is a free design posted every week.

To access the Silhouette Design Store, click the Store tab in the upper-right corner of the software. This will open up a browser window and navigate you to the store.

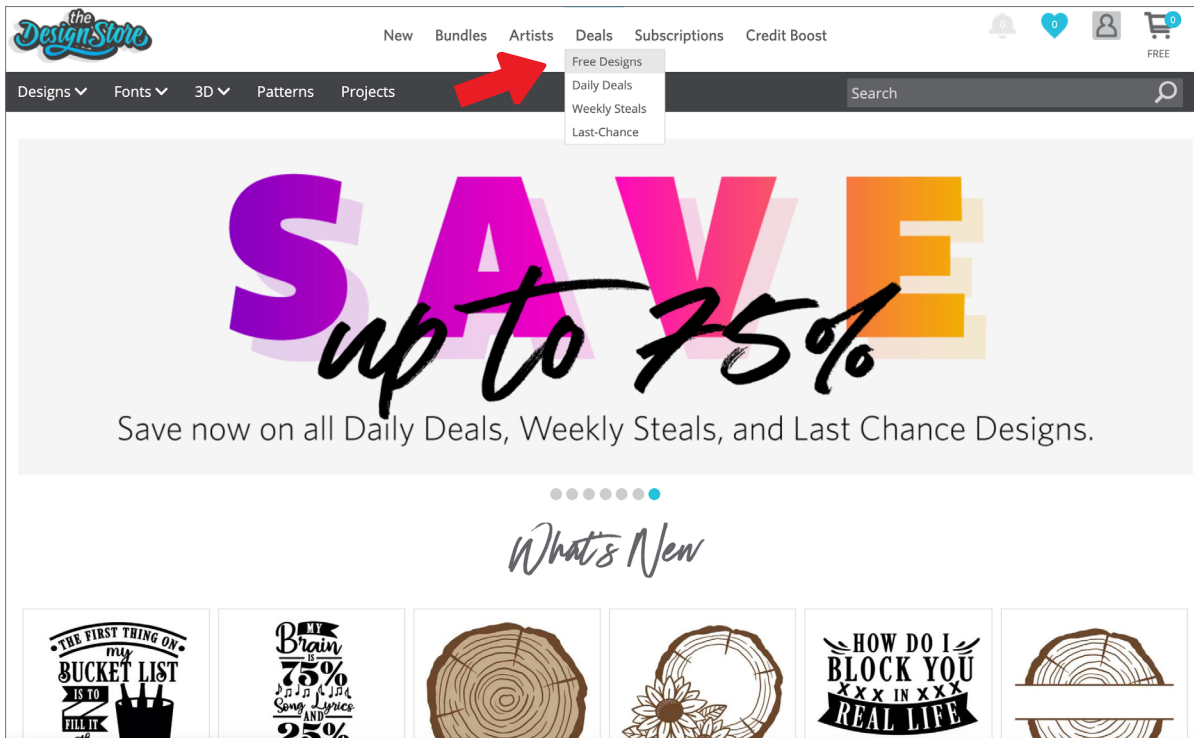
The free design of the week will be displayed on the Deals page. You can also view other deals, new designs, trending designs, and more.



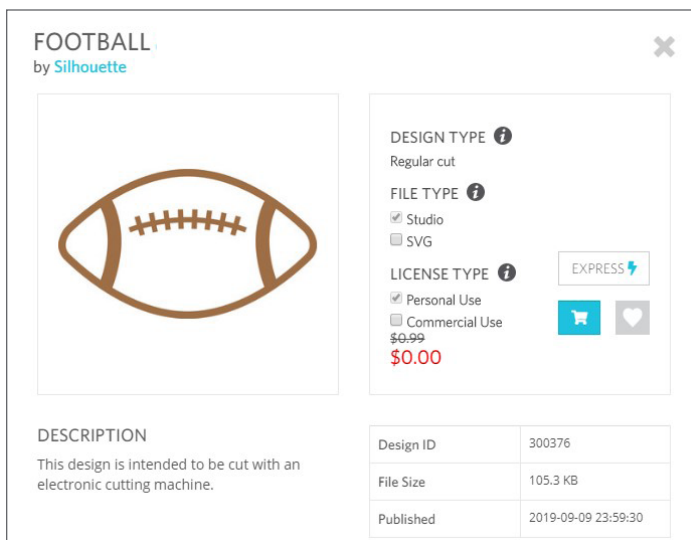
Search for designs by inputting keywords into the search bar, or use the menu system to search for designs in a certain category.

Download Designs

For now, try downloading a free design by clicking this week's free design. You can find the Free Design on the Deals page under "Free Designs."



When you click a design, a window will pop up to give you more information about that design. Here you can see what type of design this is, the file type, and the price.



To add the design to your shopping cart, click the blue cart icon. Next click the arrow or click the icon in the upper right corner of the Design Store to go to your shopping cart.

Since you're downloading a free design, your shopping cart total should be \$0.00.

Once you've reviewed your shopping cart, click the Checkout button to proceed. At this time the Design Store will ask you to sign in before downloading your design.

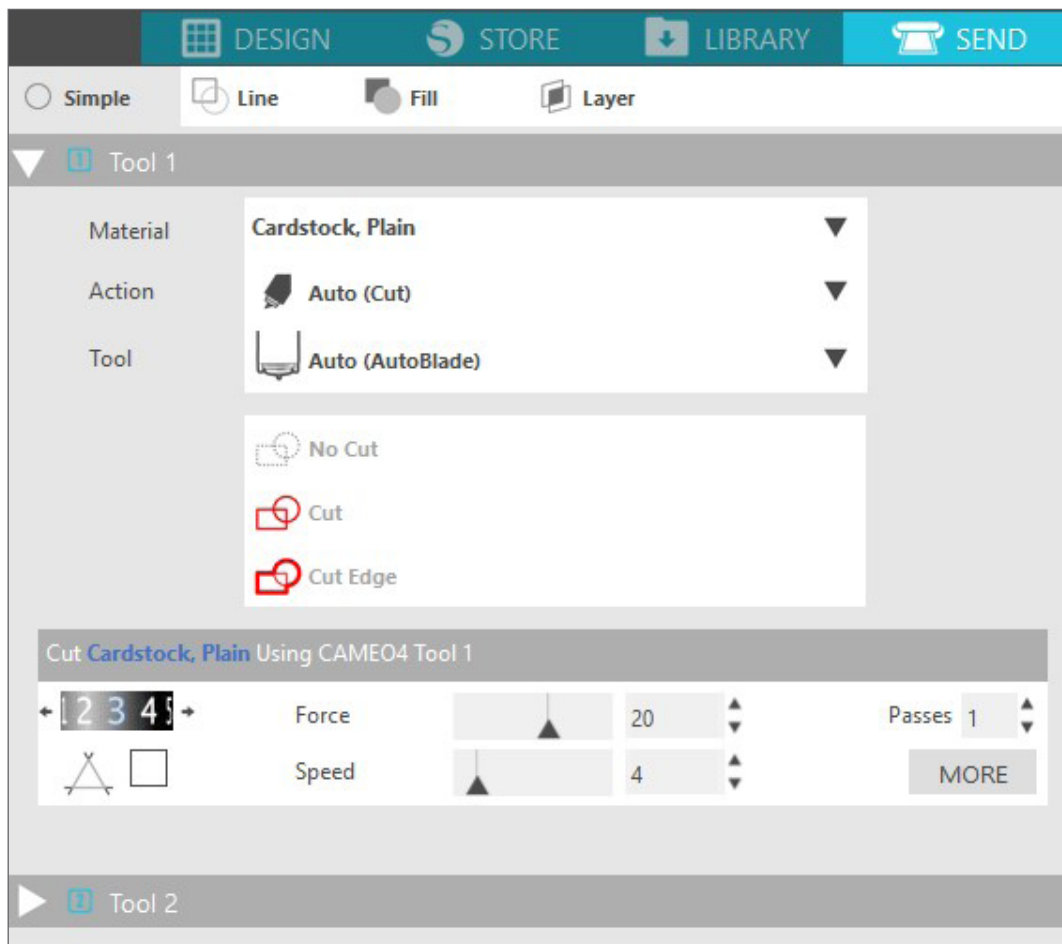
You should have already created a Silhouette account, but if you haven't, creating a new account only takes a few seconds. Click the "Sign up FREE" link on the login page to create a new account.

Once your account is created, you will need to access your shopping cart again and try the checkout process once more. You will be asked to validate your password each time you download designs.

Send Panel

When you click the Send tab, you'll see a grayed-out version of the Design screen on the left and the Send panel on the right. The Send panel allows you to make adjustments to your cut settings so that you can make the perfect cut.

There are four actions you can choose in the Send tab: Simple, Line, Fill, and Layer.



Each action allows you to adjust specific cut settings. Cutting is as easy as choosing your material, your action, and your tool in the Simple panel and clicking "Send."

The Send screen has two parts: the panel on the right-hand side and the screen displaying your design on the left. The panel on the right-hand side includes the action tabs as well as the action options. When you enter the Send tab, cut lines in your design will become thicker and bolder so you can see exactly what your Silhouette is going to cut.

If you want to make any adjustments to your design, you must go back to the Design screen by clicking on the Design tab. You can move your design while you are in the Send tab, but you cannot make any other adjustments to the design.

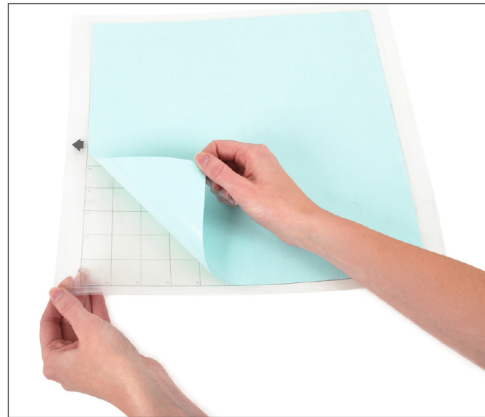
The first option on the Action panel is the Simple tab. This is where you can select the material type, the action you want your Silhouette to perform, what kind of blade you are using, what lines you want to be cut, etched, scored, embossed, or stippled.

For more advanced settings, you can use the Line panel, the Fill panel, or the Layer panel. With the Line Panel or the Fill panel, you can assign which task the Silhouette will do according to the image's line color or fill color. If you have a design that has multiple layers, you can use the Layer panel to choose which layers to cut.

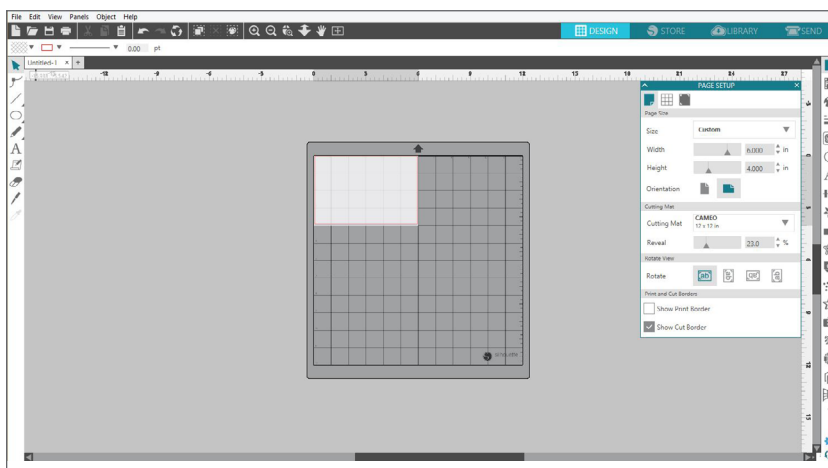
Prepare the Cameo Pro

Place Material on the Cutting Mat

Remove the nonstick liner from the cutting mat. A new mat will be very sticky at first. To avoid damaging any materials you place on your cutting mat, place the mat, sticky side down on a surface that doesn't release too much lint, such as denim or microfiber. This will make the mat less sticky but still allow it to grab on to materials without damaging them.



Position your paper or other media on the cutting mat according to the illustration in Silhouette Studio®.



Turn On the Cameo

Turn the Silhouette Cameo® 4 Pro on by pressing the power button and waiting for the machine to start up. To feed the cutting mat into the machine

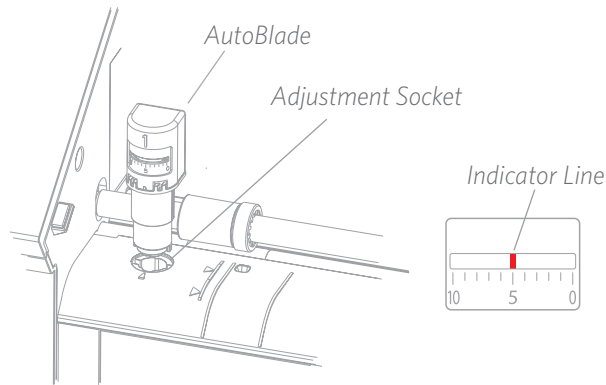
- ▶ Lift the lid and slide it back.
- ▶ Press the arrow pointing up on the touch panel to load your mat into cutting position. The arrow will flash, indicating that it is ready to load the material.
- ▶ Align the left edge of the mat with the gray alignment mark on the left side of the machine.
- ▶ Press the mat against the white rollers. After a few seconds, the machine will grip the material to load it.

If you don't see an image of the cutting mat under your document on the screen, click the Page Setup icon at the top of the Silhouette toolbar on the right-hand side of the window. Under the Cutting Mat section, select the Cameo Pro mat.

Position your image on the screen where you want it to cut on the mat. Be sure to keep your design within the red margins on your page.

Load the Tool

Choosing a tool or blade is an important step in preparing your Silhouette to cut. Since your machine comes with an AutoBlade, you can insert that. Different styles of blades are adjusted by different methods. Instructions for adjusting



alternate blade types will be included on the blade packaging.

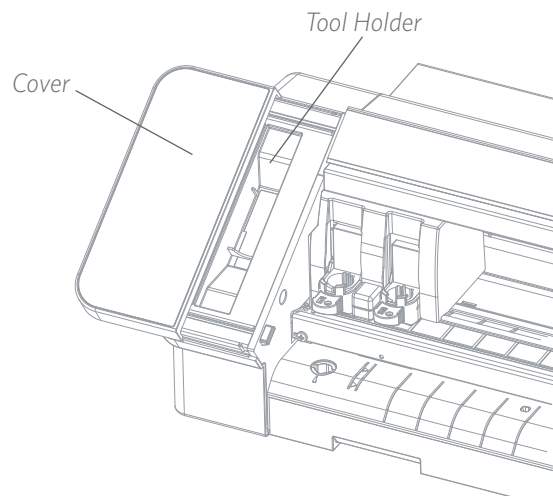
If you're using the AutoBlade, the blade will automatically adjust when you send your design to cut. To adjust the AutoBlade or any other blade manually, use the adjustment socket in the machine or the handheld tool that your machine comes with. Gently press the blade up and down into the adjustment socket until the red indicator line points to the desired setting.

Blade setting	Material
1	Thin materials such as vinyl and smooth heat transfer material
2-3	Medium-weight materials such as paper, cardstock and flocked heat transfer material
4-6	Thicker materials such as textured cardstock and pattern papers
7-10	Thick materials such as canvas

Note: The AutoBlade, Ratchet Blade, Premium Blade, Fabric Blade, and Sketch Pens work only in the left tool holder or Tool Holder 1.

The above blade settings are applicable only with the AutoBlade, the Ratchet Blade, or the Premium Blade. In all cases, higher blade settings expose more of the blade and are for cutting thicker materials. Refer to Silhouette Studio® for recommended blade settings for different materials.

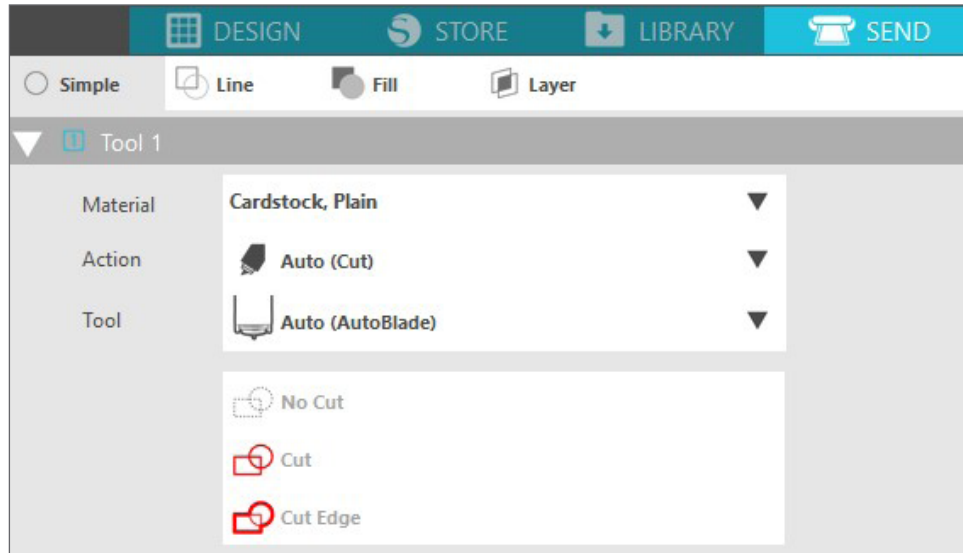
When you're not using your tool, you can store it in the tool holder on the left side of your machine. Simply slide the cover to the left and place your tool inside. When you're finished, slide the cover to the right to close it.



Auto Tool Detection

New to the Cameo Pro is Auto Tool Detection. This feature allows the software to detect what tool is inserted into the machine, and the software automatically populates action options in the Send panel.

This feature is available only with the Cameo 4 machines and the Cameo 4 tools. You can see a little metal strip on the back of the tools and the tool adapters. This is what tells the machine—and in turn, the software—what tool is inserted into the tool holder.



Tool Adapters (sold separately)

Because the build of the Cameo 4 tool holder is slightly different from previous Cameo versions, you can use 4 different tool adapters (sold separately) to insert older tools into the Cameo Pro:



Use the blue tool adapter with Silhouette Sketch Pens (with th black body)



Use the gray tool adapter with the Deep-Cut Blade



Use the black tool adapter with the Standard (Ratchet) and the Premium Blades



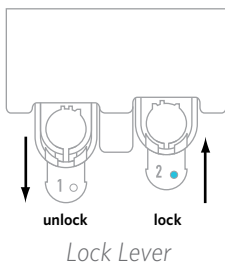
Use the white tool adapter with the 2mm Kraft Blade (compatible with previous Silhouette machines)

Dual Carriage Setup

The Cameo provides a dual-carriage to hold two different tools simultaneously. This allows you to perform a variety of actions with different types of blades. The two carriages are labeled as 1 (or Tool 1 on the left side) and 2 (or Tool 2 on the right side). The Cameo 4 blades have either a 1 or 2 on them. These numbers indicate which tool holder you can use that tool in.

If you are using a tool with an adapter, such as ratchet blade for the Cameo 3, that tool can be used only in the 1 spot.

Lock and Unlock Tools



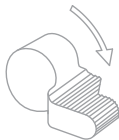
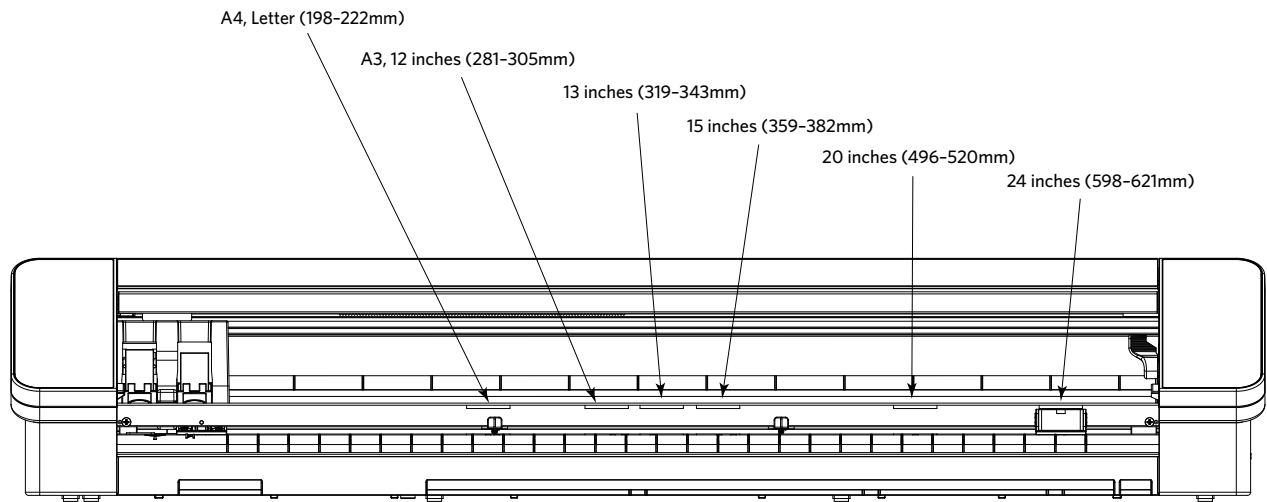
First unlock the Tool 1 position by pulling out the lock lever. Insert the AutoBlade (or whichever tool or tool adapter you are using) into Tool Holder 1 and push the locking mechanism back into place. You may find it helpful to push down on the tool while you push the lock lever back in. This will ensure the tool is locked securely into place.

The lock levers work the same way for both Tool Holder 1 and Tool Holder 2. It also doesn't matter which tool is inserted; every tool will lock into place the same way.

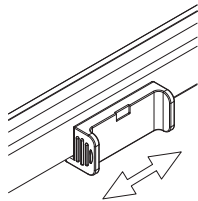
If you see the solid blue color next to the tool number, you'll know the tool is locked securely.

Adjust the Sliders

By adjusting the sliders on the main roller shaft, the Silhouette machine can accommodate the following media sizes: letter, A4, 12 inches, A3, 13 inches, 15 inches, 20 inches, and 24 inches.

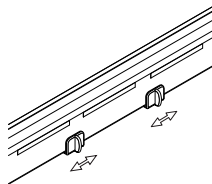


Locate the release lever on the right side and turn it clockwise.



Pinch the edges of the roller body, or the biggest adjustment lever, on the right-hand side of the roller bar, with two fingers. Move the roller body right or left in the desired position.

Note: For the most effective grip, line up the center notch of the roller body with the arrows below the notch on the Silhouette machine.



There are two other mechanisms in the middle of the roller bar that can be moved to aid in gripping the material more.

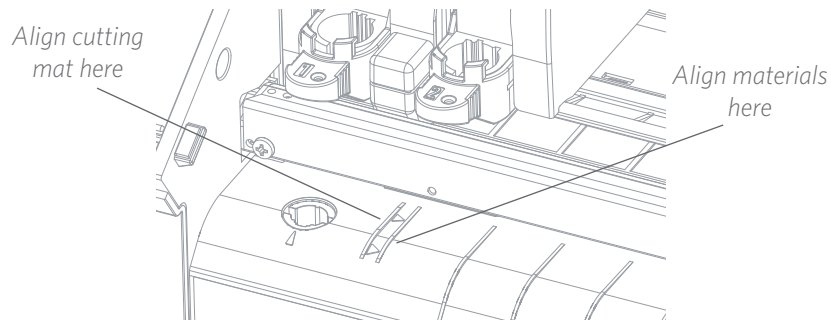
Once you have adjusted the end lever to the desired position, you may adjust those other mechanisms and move them either further apart or closer together as necessary. It is recommended that you space them out evenly depending on the width of the material you are loading.

Align the Cutting Mat or Material

When loading the Cameo Pro, there are two different gray loading marks to take note of. These marks are vertical and are in front of the tool carriage and roller bar.

The mark on the left is what you will use to align your cutting mat properly before you load it into your cutting machine. Anytime you use the cutting mat to cut your material, you will use this mark on the left. This is to help account for the margin of space left open on your cutting mat.

The mark on the right is to be used when you are loading materials without a cutting mat. This includes materials with a backing, such as sticker paper; rolled materials, such as vinyl and heat transfer; and thicker paper that you intend to cut using the pop-out cut mode (see page 29).



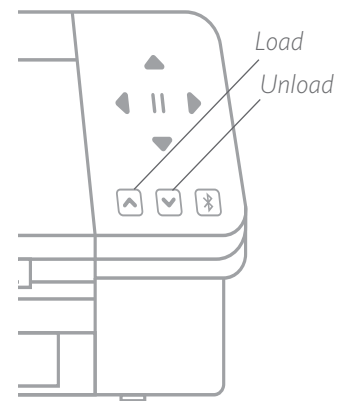
Load the Material

With the material loaded on to the cutting mat or you know what material you'd like to use, it's time to load the cutting mat or material into the machine.

NOTE: It is very important that materials not using a cutting mat are held tightly while being fed into the machine so that the material is gripped by both pinch rollers equally tightly. Otherwise, the material will droop in the center and the resulting cut won't work well.

There are two different loading methods. In both cases, you'll want to make sure you first adjust the sliders to best match your material:

1. Move the right-hand-side roller so that it matches the width of your cutting mat or material.
2. Adjust the middle sliders so that they are equidistant between the left-hand loading side and the right-hand-side slider.



The first method is a delayed loading method (recommended for larger cutting areas):

1. Press the Load button on the Cameo Pro. The Load button will flash, indicating that it is ready to load the material.
2. Line up the left edge of the cutting mat or rolled material with the gray line in front of the tool carriage and the left-hand grip on the roller bar.
3. After a few seconds, the machine will grip your cutting mat or material and move it into position underneath the roller bar.

The second method is the immediate loading method (recommended for smaller cutting areas):

1. Line up the left edge of the cutting mat or material with the gray line in front of the tool carriage and the left-hand grip on the roller bar.
2. Press the Load button on the Cameo Pro. The machine will immediately grip your cutting mat or material and move it into position underneath the roller bar.

If you wish to adjust the starting cut point after you've loaded your material, you can use the arrows on the control panel or in the Silhouette Studio® software.

After your cut is complete, press the Unload button. The rollers will move the cutting mat or material from underneath the roller bar to release it.

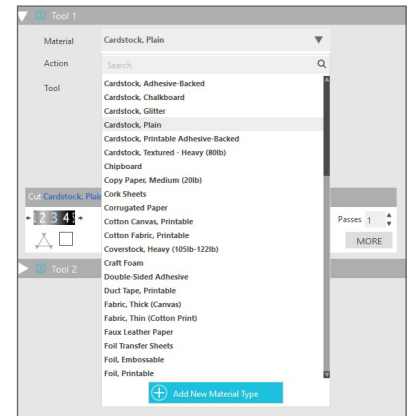
Cut a Design

Once your design has been picked, the material has been loaded, and the machine has been prepared, you're ready to make your first cut!

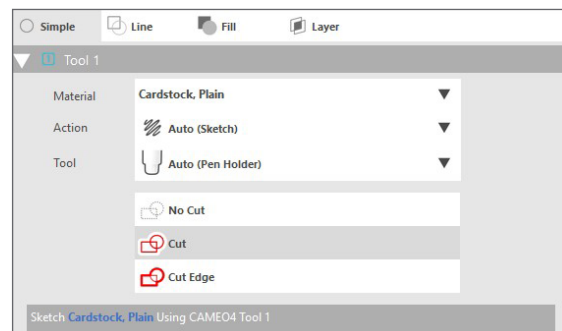
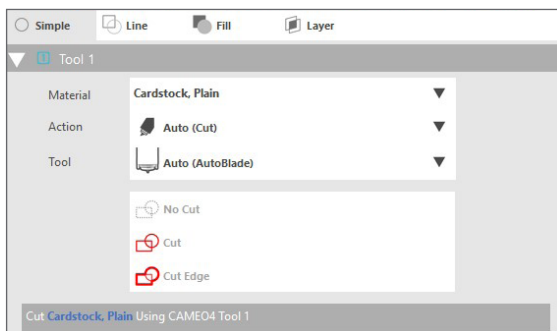
Go back to Silhouette Studio® to add in all of the necessary information you may be missing. Here's what you can expect out of each section when you're cutting using the Simple action.

In both the Tool 1 and Tool 2 sections, you'll see drop-down options for the material, the action, and the tool.

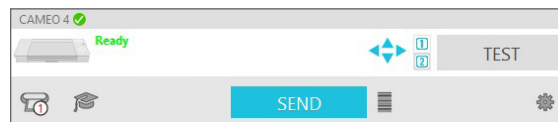
First select your material. It's important to be accurate in your selection because Silhouette Studio® has fine-tuned the cut settings for each material. If you find that you need to make adjustments, you change these settings. If you need to add a new material, you can click the "Add New Material Type" button at the bottom of the material drop-down menu and add your own cut settings.



Next select the tool or make sure the right tool is selected. With Auto Tool Detection, your machine should automatically detect which tool is in the tool holder. Here we've put two different tools in the Cameo Pro—the AutoBlade and the Sketch Pen tool adapter.



Now you're ready to click the Send button and watch your Silhouette cut your design precisely!



If you ever need a reminder of what you need to do to cut out a design, you can click the graduation cap icon in the bottom left corner of the Send panel on the left side of the Send button. This will show you a short slideshow of steps you need to follow.

Tool 1 and Tool 2

Unlike with the Cameo 3, the tool holders in the dual-carriage system perform different cutting functions, so the tools are not interchangeable. Here are the compatible tools and functions for each tool holder:

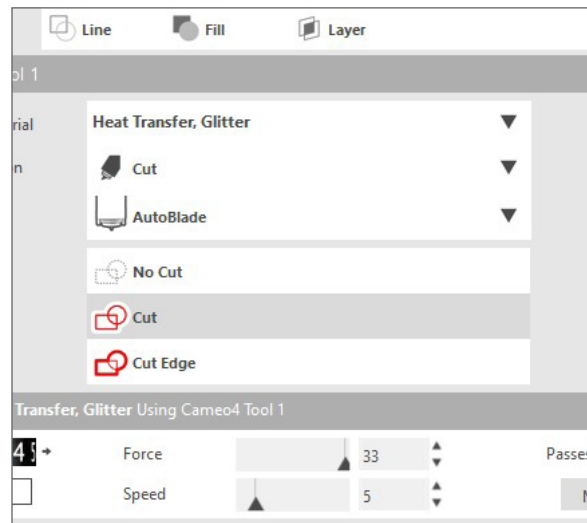
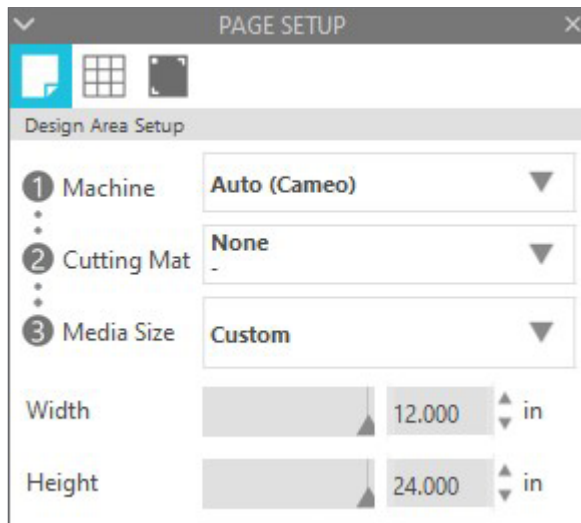
	Tool	Auto Action
Tool 1	AutoBlade	Cut
	Ratchet Blade	Cut
	Deep Cut Blade	Cut
Tool 2	Sketch Pen	Sketch
	Kraft Blade	Cut
	Rotary Blade	Rotary Cut
	Punch Tool	Punch

Cutting without a Mat (Kiss-cut)

A kiss-cut is what is used when you are using cutting materials that have a backing (i.e., vinyl, heat transfer, sticker sheets, etc.). When you are performing a kiss-cut with the Cameo machines, there are two other features you may want to utilize: the roll feeder and the crosscutter.

If you don't wish to use the roll feeder or the crosscutter as part of performing the kiss-cut, there are two things you need to do:

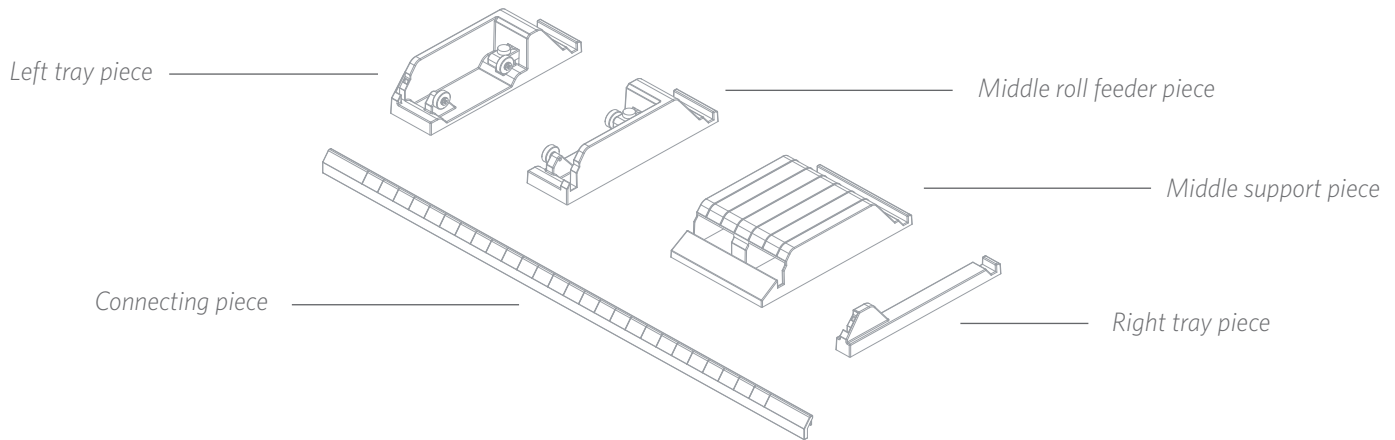
1. Go to the Page Setup panel and change the Cutting Mat to "None."
2. Go to the Send tab, and select your material (remember that to perform this type of cut your material MUST have a backing).



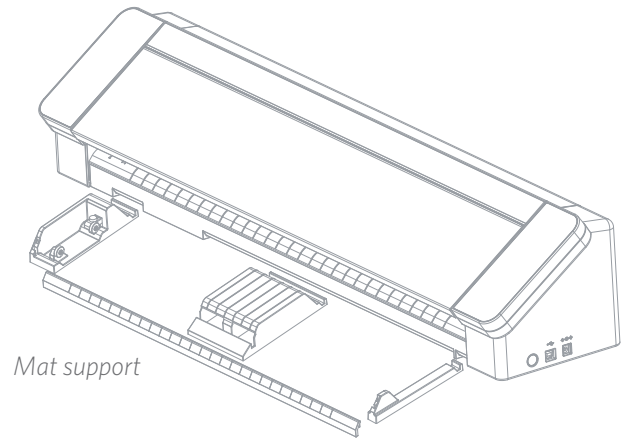
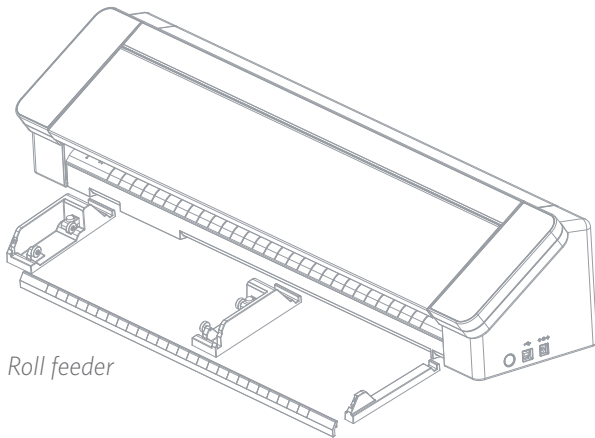
After you've done these two steps, you can continue with your cut.

Use the Roll Feeder or Mat Support

Below are the roll feeder pieces come with the Cameo Pro. In addition to those pieces, there is also a piece that you can use to support your cutting mat when you need it.

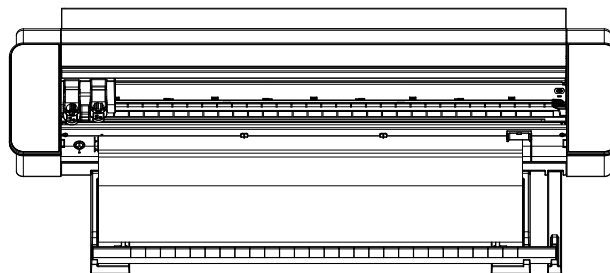


To assemble the roll feeder or mat support options, line up two end tray pieces you want to use in addition to either the middle roll feeder piece OR support piece. Secure these pieces underneath the Cameo Pro machine. Use the long piece to connect the two end pieces of the tray.



For the roll feeder, when your tray is assembled, adjust the middle piece to that it will accommodate your size of rolled material. The ends of the material should rest on the ends of these two pieces. Slide the middle roll feeder piece to match the width of your material.

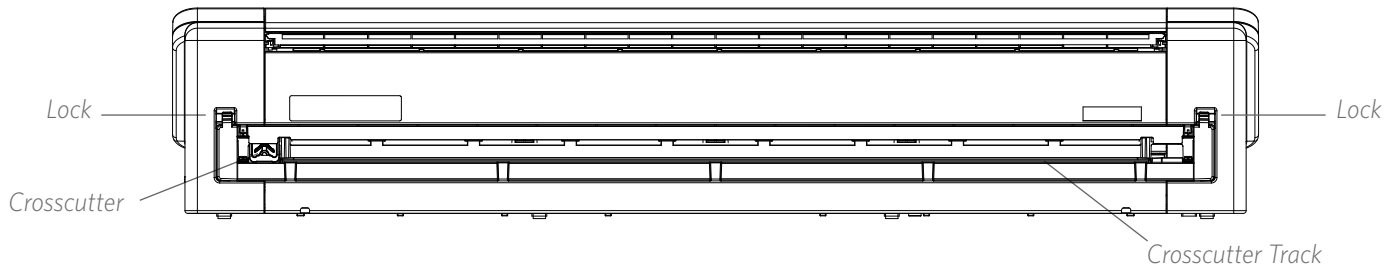
Place your rolled material on the roll feeder. Take the end piece and feed it through the roll feeder slot. Then feed it into your machine using the Load button on the touch panel. Make sure the material is feeding straight into the machine.



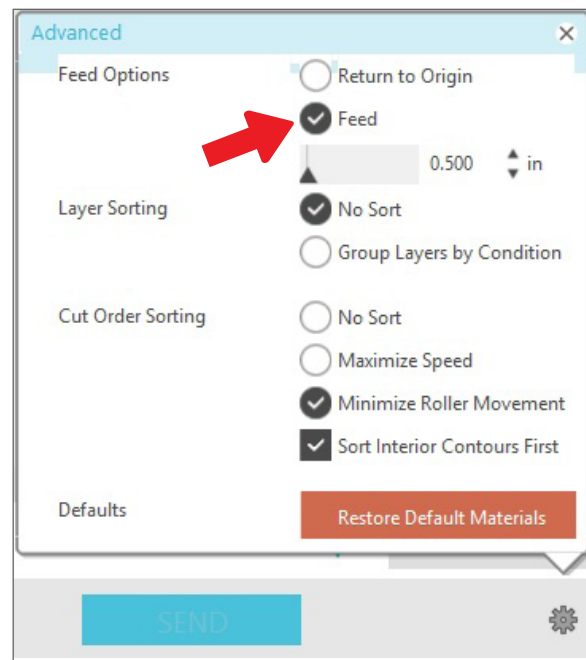
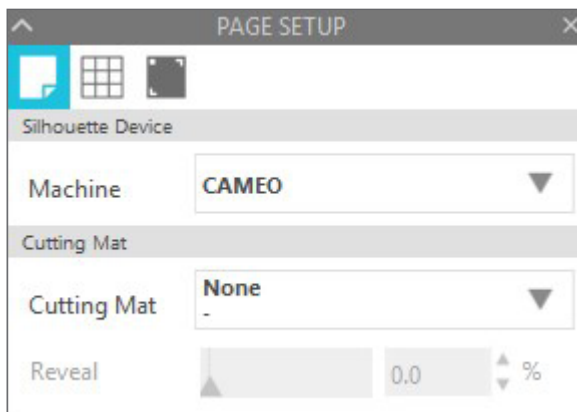
When you're finished using the roll feeder or mat support, remove the roll of material or cutting mat from the machine. Then disconnect the connecting piece from the assembled pieces and lift the machine to remove the remaining pieces.

Use the Crosscutter

If you are using a lined material on a roll without a cutting mat, you can use the crosscutter on the back of the machine to trim your project after it's done cutting. The crosscutter is already attached to the Cameo.



Make sure to set things up in Silhouette Studio® so that your cut will feed through the Cameo properly. First, set your cutting mat to “None” in the Page Setup panel. Next when you go to the Send tab before you send your design, click the gear icon in the bottom right corner to open up the advanced settings. Change the Feed Option to “Feed” and set how much of the material you want to feed through. Don’t worry about getting the measurement exactly right because you can always use the arrows on the touch panel of your Cameo to adjust the feed as needed after you’re done making your cut. Next send your design to your machine.



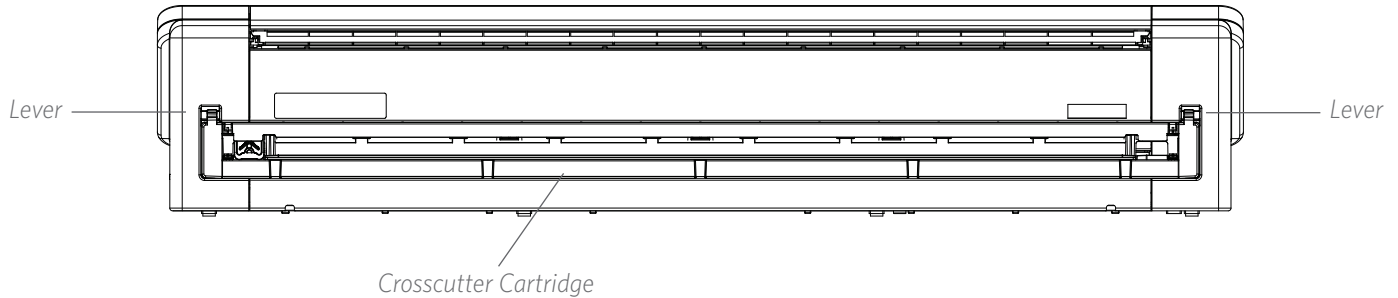
To use the crosscutter, make sure your design feeds through the back of your machine at the end of your cut. Release the locks on both sides at the top of the crosscutter cartridge and lower the crosscutter track. Slide the crosscutter across the track to cut your material. When you’re finished, make sure the crosscutter is on either side of the track, lift the track back into place, and fasten both of the locks.

Replace the Crosscutter Cartridge

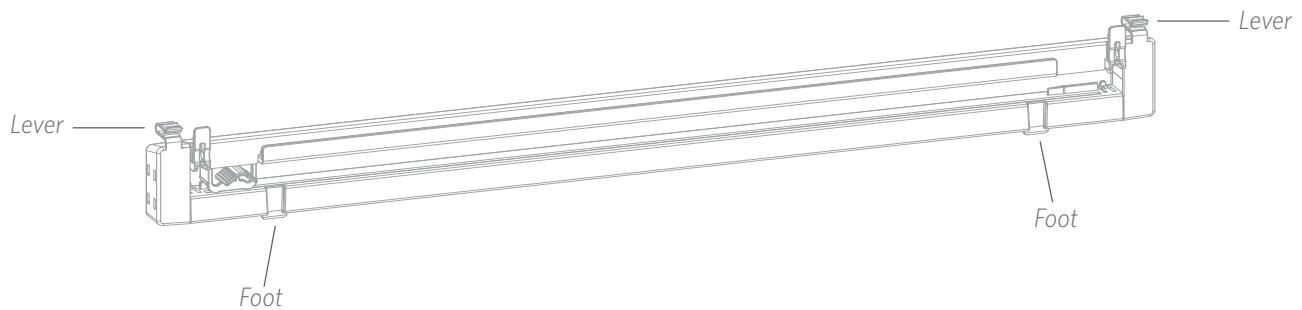
If your crosscutter blade becomes dull and you need to replace it, you can do that easily by removing and replacing the crosscutter cartridge.

To remove the crosscutter cartridge, press down on the top of the two end levers simultaneously. While doing that, pull the crosscutter cartridge out. It will be the long piece that is shown below.

Note: Make sure the crosscutter is in the locked position before you attempt to remove the cartridge.



To insert the crosscutter cartridge back in the machine, line up the feet at the bottom of the crosscutter cartridge with the grooves at the bottom of the crosscutter cartridge opening on the Cameo. Once you're sure the alignment is correct, lift the top of the crosscutter cartridge and push it into the opening until you hear it click into place.

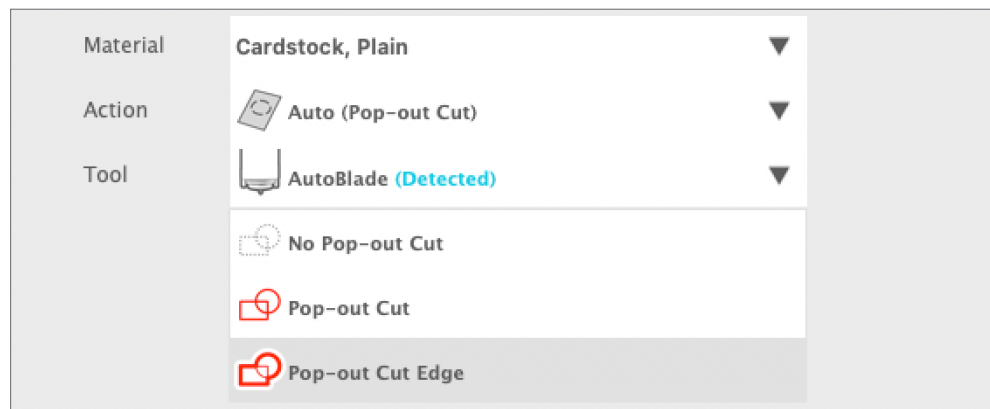


Cutting without a Mat (Pop-out Cut)

The second option to cut without a mat is new to the Cameo 4 machines. For the first time ever, cut materials like paper and cardstock without a cutting mat. With this feature, the Cameo will make cuts but keep the material in place using perforation cuts in strategic places. Once the material is removed from the cutting machine, simply pop the cut design from the paper.

Because of a channel that runs under the blade area, the Cameo Pro can perform a special cutting action, which cuts all the way through the material even though there is not a cutting mat. It does this by lifting the blade in tiny segments as it cuts leaving part of the material connected to the full page. The resulting cut job can be popped out of the material once the cutting action has been completed.

1. Make sure you have a compatible Cameo model (Cameo 4 machines only) and that your machine is connected and synced with your software.
2. Within the Page Setup panel, select “None” from the cutting mat drop-down menu just as we did with the Kiss-cut option. Set your media size to the exact size of material you’re using.
3. Within the Send panel, select your material type. The software knows whether to automatically choose “Cut” or “Pop-out Cut” for the action based on your cutting mat and material selections. Paper and similar stiff materials that usually need a mat to cut completely through should use “Pop-out Cut” when you have no mat selected in the Page Setup panel.



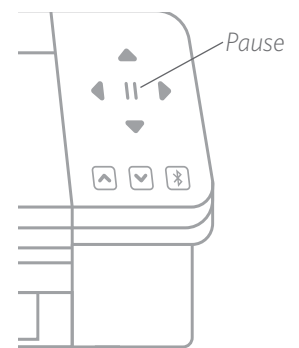
Here are some things to remember:

- ▶ The Pop-out Cut mode is not intended for thin or flexible materials like copy paper or fabric.
- ▶ The Pop-out Cut feature can be used only with the Cameo 4 machine line and the Portrait 3. If you are using any previous Silhouette cutting models (Cameo 3, Portrait 2, etc.), you must use a cutting mat to cut out cardstock or other paper materials.
- ▶ Ensure you’ve selected the correct cut settings before cutting out your design by performing a test cut.

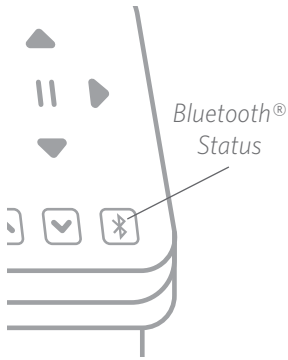
Cancel a Cut

Should you need to cancel a cut job that is already in progress, there are three different things you can do:

1. Select “Cancel” in Silhouette Studio®.
2. Press the pause button. After a few seconds, the button to unload the cutting mat flashes, indicating that you can end the job by unloading the cutting mat.
3. Hold the Pause button on the Cameo Pro machine for five seconds. NOTE: This option doesn’t unload the cutting mat or material automatically.



Bluetooth® Connectivity



The Silhouette Cameo® 4 Pro is Bluetooth® compatible and allows for wireless communication. This way you can send designs from a Bluetooth®-enabled device to your Cameo Pro to cut without your machine being plugged in to your computer.

To connect your Bluetooth® enabled Cameo Pro, ensure that Bluetooth® is activated by pressing the Bluetooth® button on your Cameo. The backlight will turn from white to blue, indicating that it is turned on.

In Silhouette Studio®, go to the Send tab. Click on the Bluetooth® icon at the bottom of the panel and select “Add Bluetooth® machine.” After a few seconds, the status of the Cameo will display as Ready in the Send panel, and the setup is complete.

Where to Find More Information

Complete Software Manual

View the complete, illustrated User’s Manual within Silhouette Studio® by clicking Help > User’s Manual.

Website

Visit the tutorials section of [SilhouetteAmerica.com](https://www.silhouetteamerica.com) for help with specific features and step-by-step instructions on how to cut different media types with the Silhouette Cameo®.

Blog

Visit the official Silhouette blog at [Silhouette101.com](https://www.silhouette101.com) for information about your machine, tutorials and how-tos, eBooks, videos, and ideas of new projects you can create. Many blog posts contain step-by-step instructions for advanced uses of Silhouette products and software.

Newsletter

Sign up for the Silhouette newsletter at [SilhouetteAmerica.com](https://www.silhouetteamerica.com) to receive product updates and special offers via email.

Customer Service

If you have any further questions, feel free to contact customer service:

Silhouette America, Inc.

support@silhouetteamerica.com

<https://www.silhouetteamerica.com/contact>