BELLISSIMO

Operation Manual

Cutting Machine





Getting Inspired



Frequently Viewed

Topics

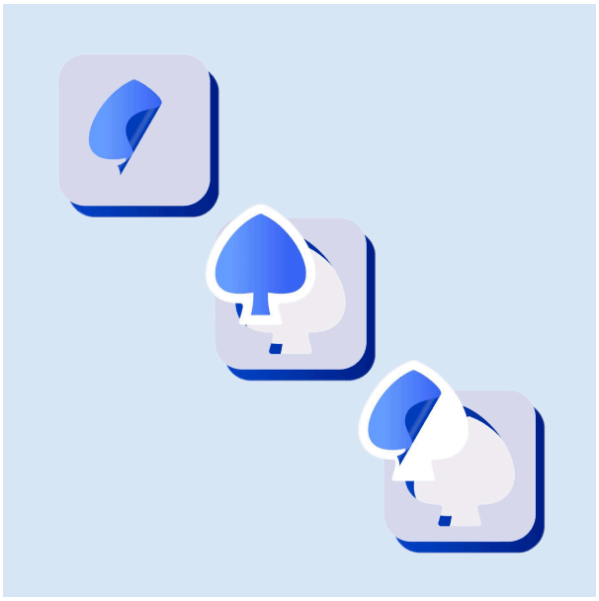


Getting Inspired



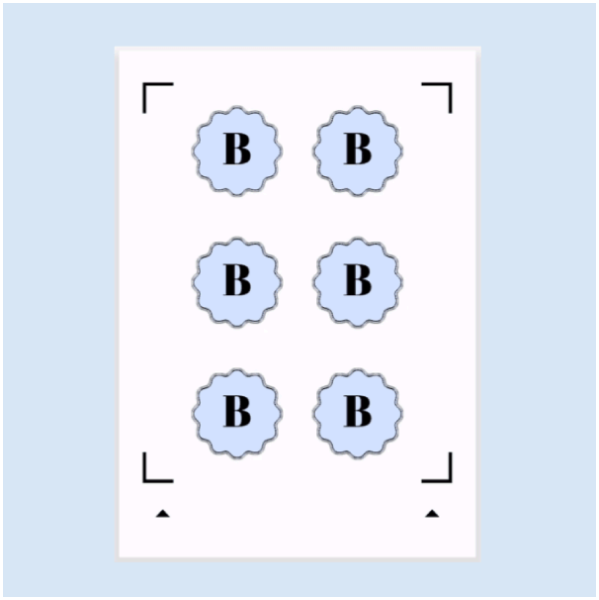
Frequently Viewed

Getting Inspired



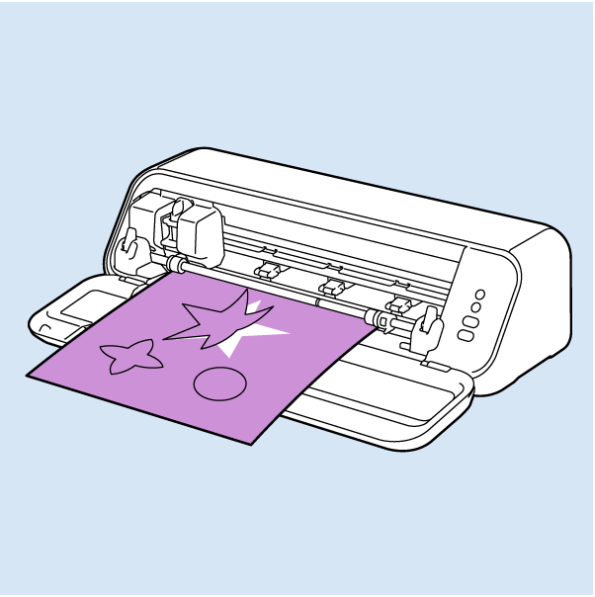
Sticker Maker Function

Using the Sticker Maker Tool



Print and Cut Alignment Function

Alignment Cutting Function



Matless Cutting

Simple Matless Cutting

Frequently Viewed

Machine Setup

Machine Updates

What can I cut?

Troubleshooting

Error Messages

Care and Maintenance

Introduction

Important Notice

Important Safety Instructions

Product Manuals and Videos

Symbols

Important Notice

- This machine is intended for household use only.
  This machine is approved for use in the country of purchase only.
- Due to product quality improvements, the specifications or appearance of this machine may change without notice.
- The contents of this document are subject to change without notice.
- The screens in this manual are for illustration purposes only and may differ from the actual screens.
- The contents of this document may not be duplicated or reproduced, partially or in full, without permission.
- We assume no responsibility for damages arising from earthquakes, fire, other disasters, actions of third parties, the user's intentional or negligent operation, misuse or operation under other special conditions.
- For additional product information, visit our website at https://s.brother/cpqag/.
- To keep your product up to date, check the Brother support website for the latest firmware updates. Without the latest firmware updates, some of the product's features may not be available.

Important Safety Instructions

The following symbols are used in this document.

⚠WARNING	Failure to observe instructions with this marking may result in fatal or critical injuries.
⚠CAUTION	Failure to observe instructions with this marking may result in serious injuries.

IMPORTANT	Failure to observe instructions with this marking may result in property damage.

Product Manuals and Videos

List of Documents

Category	Description	Availability
Product Safety Guide	Read this document first. This provides precautions and other information that should be observed when using the machine.	Printed/supplied
Quick Setup Guide	This provides details on setting up the machine and connecting the app to the machine.	Printed/supplied
Operation Manual	This provides details on machine operation, app features, periodic maintenance, troubleshooting tips, etc.	This manual

The information in each document may change when the app or machine is updated. After updating, be sure to check for the latest manual on the Brother support website (https://s.brother/cmqag/).

List of Videos

Category	Description	Availability
Operation videos	We have posted a list of instructional videos showing how to use this machine, including basic operation.	https://s.brother/cvqka/
Troubleshooting videos	We have posted a list of instructional videos showing how to maintain this machine and what to do if you are having trouble operating it.	https://s.brother/cqqag/

Symbols

The following symbols show the LED status and button operations referred to throughout this manual.

LED Status

Symbol	Description
	Off
	Flashing
	Lit

Button Operation

Symbol	Description
	Press
	Hold down (for at least 2 seconds)

Getting Started

Part Names

Before Use

Setting Up the Machine

LED Indications

Part Names

[Front](#)
[Carriage Section](#)
[Operation Buttons](#)
[Back](#)
[Included Components](#)

// Front



① **Operation Buttons**

② **Carriage**

③ **Shaft (front)**

The Shaft (front)'s feed rollers feed the material or the mat.

④ **Shaft (back)**

If you are not using a mat, both of the front and back shaft feed rollers feed the material.

⑤ **Shaft Release Lever**

Lock or release the shaft. Use this when changing the feed roller position or clearing a jammed material or mat. This lever defaults to a locked position.

⑥ **Feed Roller**

Feeds the material or mat backward and forward. Adjust the feed roller position according to the size of the material and whether or not a mat is being used.

Adjusting the Feed Roller Position

⑦ **Roller Lock Button**

Press this button to lock or release the feed roller on the right side when adjusting the feed roller position.

⑧ **Front Cover**

Protects the feed rollers, carriage, holder, and other machine parts. Open the front cover when using the machine. Before closing the front cover, make sure that the shaft release lever (⑤) in the locked position.

⑨ **Feed Slot**

Feeds the material or mat being loaded.

⑩ **Mode Change Lever**

Adjust the position of the mode change lever according to the operation being performed. The up and down position of the shaft (back) (④) changes depending on the position of the mode change lever.

⑪ **Grips**

Use the grips when moving the machine.

// Carriage Section



① **Carriage**

Moves the holder left and right when cutting or drawing.

② **Holder**

Install the appropriate holder specific to your needs.

③ **Holder Lock Lever**

Raise or lower the lever when installing or uninstalling the holder.

④ **Holder Guide**

Secures the holder.

// Operation Buttons



① **Power Button**

Press and hold to turn the machine on or off. If the machine is not used for a certain period of time, it automatically turns off.

Machine Settings Screen

② **Bluetooth Button**

Press to pair the machine with your mobile device and the Artspira app via Bluetooth®. The LED flashes or lights up, depending on the connection status.

③ **Feed Button**

Feeds the loaded material or mat into or out of the machine. Always use the Feed button when loading or unloading the material or mat.

④ **Start/Stop Button**

Starts or stops machine operation. The LED on the Start/Stop button flashes or lights up, depending on the machine's status.

LED Indications

Back



① **USB Port**

When updating the machine firmware, insert the USB flash drive containing the update file. Do not use this port in any other way.

Updating the Machine

② **Slot**

This slot allows the loaded material or mat to be fed backward and forward during operation. To avoid feeding issues, do not place objects near the slot.

③ **AC Power Inlet**

Included Components

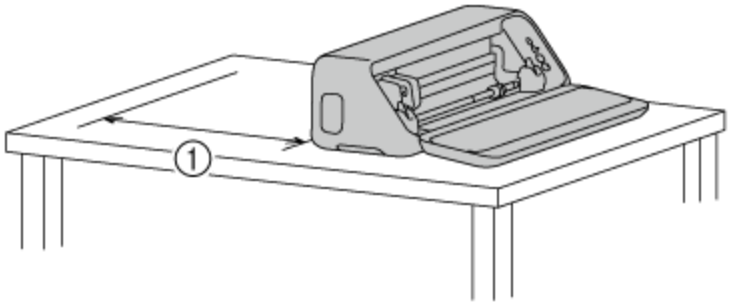
See the *Quick Setup Guide* for more information on what is included with your machine.

If any components are missing or damaged, contact the retailer where you purchased this machine.

Before Use

Positioning the Machine

Place the machine on a flat surface, and then open the front cover.



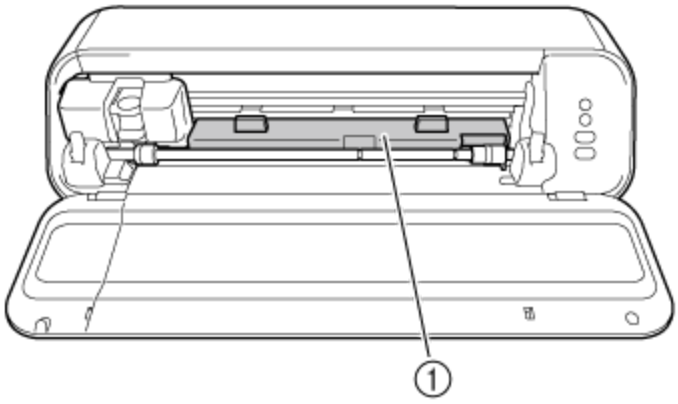
① Leave space of about 11 13/16" (30 cm).

Note

Make sure that the entire front cover fits fully on the flat surface and that there is enough space behind the machine for the material or mat to be fed backward and forward. For installation precautions, refer to the *Product Safety Guide*.

Removing Packing Materials

Before turning on the machine, remove all shipping tape and the cardboard shock-absorbing material.



① Cardboard shock-absorbing material

Note

- If the packing materials were removed after the machine was turned on, turn the machine off, then on again. Continuing to use the machine without restarting it may result in incorrect operation.
- Save the box and all packing materials in case you need to transport or ship the machine in the future.

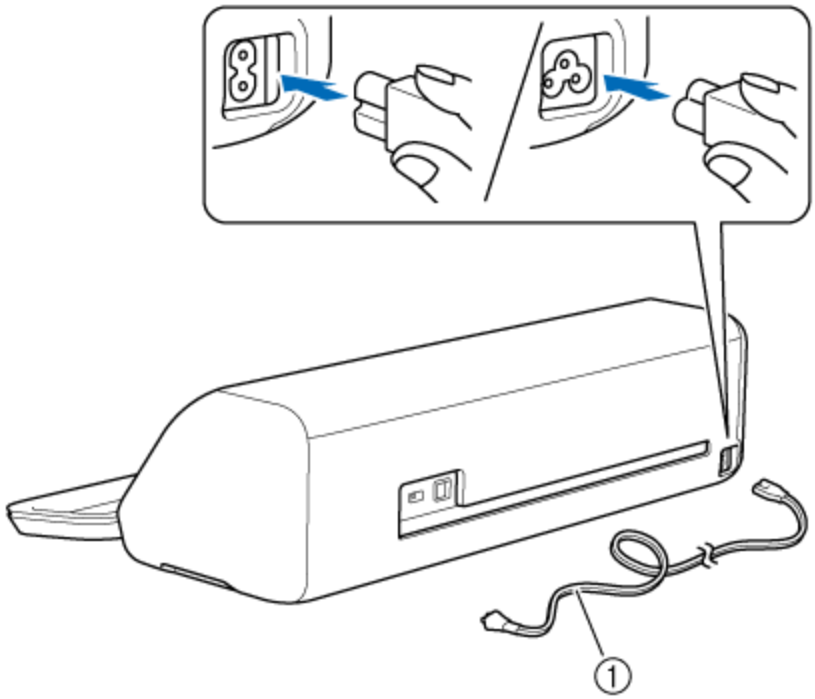
Setting Up the Machine

[Connecting the Power Cord](#)

[Pairing the Machine with a Mobile Device](#)

Connecting the Power Cord

1 Connect the power cord to the machine.



① Power cord

2 Plug the power cord into an electrical outlet.

Note

Do not block the slot in the back of the machine with the power cord.

Pairing the Machine with a Mobile Device

Before you begin:

- Install the Artspira app on your mobile device.
- Turn on Bluetooth on your mobile device.
- Make sure that your mobile device is connected to the Internet.

- If you are having trouble logging in to the app, refer to the FAQ (Q&A) on the Brother support website (https://s.brother/cfqag/).

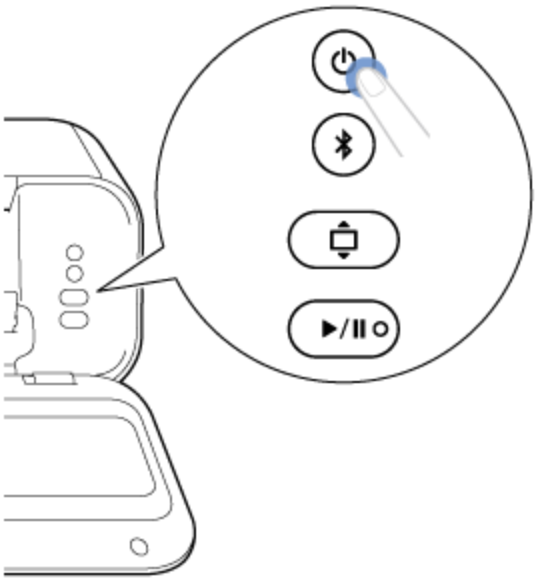
1 **In the upper-right corner of the Artspira Home screen, tap .**

2 **In the Machine Settings screen, under [Cutting Machine], tap [Connect] > [Bluetooth model].**

Note

If [Bluetooth model] does not appear on your screen, update the Artspira app to the latest version.

3 **Turn on the machine by pressing and holding (Power Button) until the LED on (Start/Stop Button) lights up.**



⚠CAUTION

Keep your hands away from the carriage when you turn the machine on, as the carriage will automatically move to its starting position.

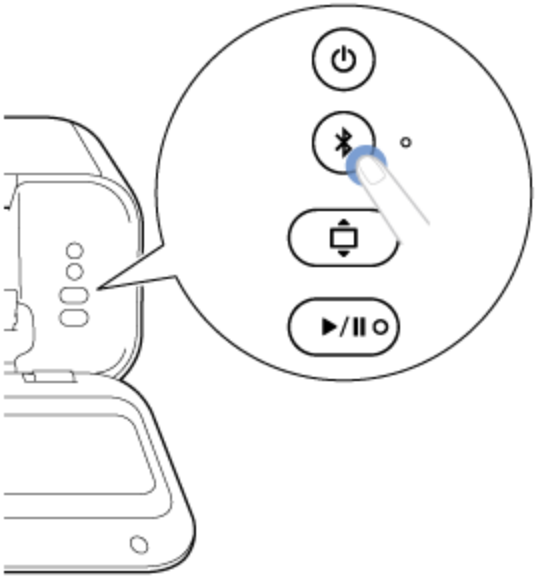
Memo

If the machine is not used for a certain period of time, it automatically turns off. Use the following link for more information on setting the time out period:

Machine Settings Screen

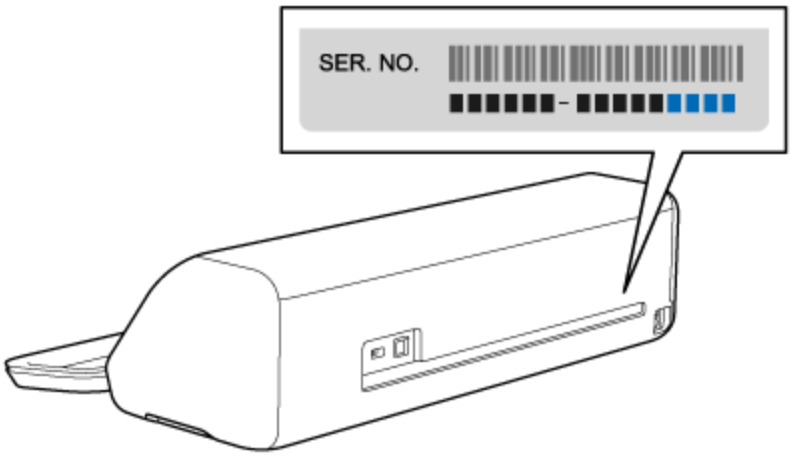
4 **Make sure that the machine's Bluetooth LED is flashing, and then press and hold down (Bluetooth Button) until the machine beeps. This puts the machine in device discovery mode.**

▶ The machine begins searching for devices.

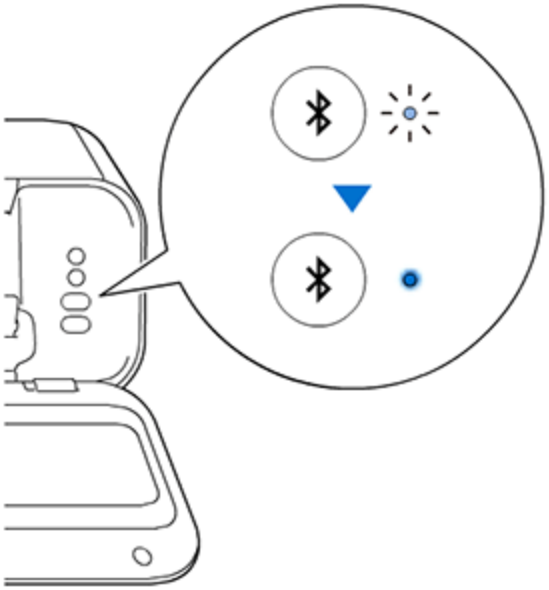


5 **When a list of machines appears in Artspira, tap the machine you want.**

▶ The machine name appears with 4-digit number. This number is the last four digits of the serial number of the machine. The machine's serial number can be found on the label on the back of the machine.



6 **Once pairing is successful, the Bluetooth LED stops flashing and remains lit.**



Memo

- If your mobile device is already paired with another Bluetooth cutting machine, disconnect that machine, and then try pairing with this machine.
- If your mobile device is already paired with this machine, you can also pair with a Bluetooth-ready Brother embroidery machine.
- To pair your machine with a different mobile device, put the machine into device discovery mode (see step 4), and then pair it with the other mobile device.

LED Indications

Bluetooth Button

Color	Status	Description
White	Lit 	Bluetooth connection established. The machine and mobile device are paired.
	Flashing (3-second intervals) 	Bluetooth is deactivated (off). The machine and mobile device are not paired.
	Moderate flashing (1.5-second intervals)	Preparing to pair (initial setup).

		The machine is not paired with a mobile device. Waiting for connection from a mobile device.
	Fast flashing (0.5-second intervals) 	Connection established again. Waiting for reconnection from the previously-paired mobile device.
	Very fast flashing (0.25-second intervals) 	Data is being received.

Start/Stop Button

Color	Status	Description
Green	Lit 	Cutting/drawing
	Fast flashing (0.5-second intervals) 	Waiting (data being received). Press the button to start cutting/drawing.
Orange	Lit 	Update mode The machine’s firmware is ready to be updated. Press the button to start updating.
All colors	Lit (Green > Red > Orange) 	Updating The machine’s firmware is being updated. Do not turn off the machine while it is being updated.
Red	Lit	An error has occurred.

		Resolve the issue according to the instructions that appear in the app. Press ! in the app for error details.
-	Off 	Waiting (no data received). The button is unavailable.

Basic Operations

Links to Instructions

Transferring Data Created with Artspira

Installing the Holder Into the Machine

Adjusting the Feed Roller Position

Loading Your Material

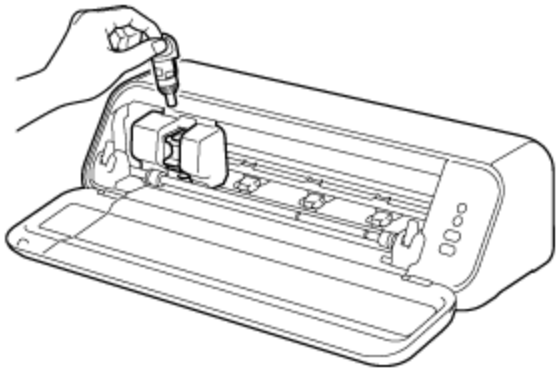
Links to Instructions

To read the instructions for basic procedures, use the links below. We also offer online video instructions. Go to (https://s.brother/cvqka/) for a list of instructional videos.

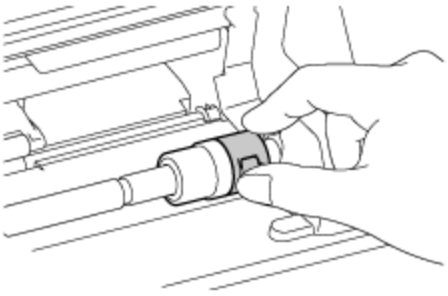
Transferring Data Created with Artspira

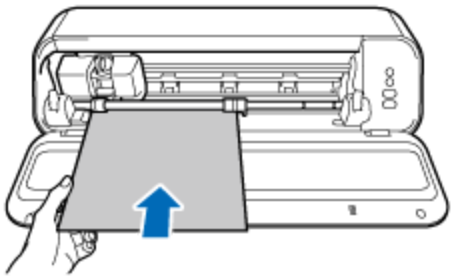


Installing the Holder Into the Machine



Adjusting the Feed Roller Position



Loading Your Material


More advanced operations are available at these links:

Cutting Techniques

Artspira App Functions

Transferring Data Created with Artspira

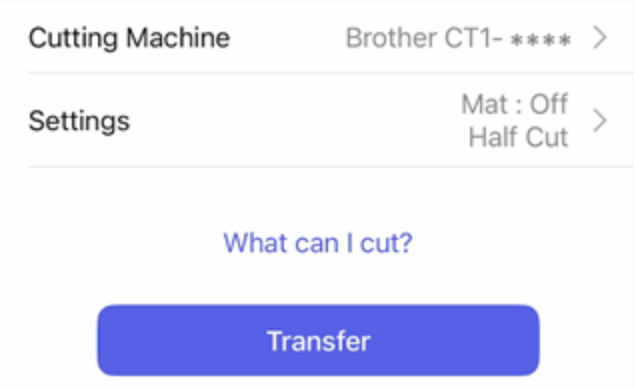
When Creating Data Using Designs in Artspira

When Creating Original Data

When Creating Data Using Designs in Artspira

1. **On the Artspira Home screen, select the desired cutting data, and then tap the [Create] button.**
2. **To edit the data, tap the object and select from the options that appear on the screen.**
3. **When editing is finished, tap [Done].**

   To save your data, tap [Save]. You can pull up the saved data by tapping [My Creations].
4. **Tap [Transfer], and then follow the in-app instructions to operate the machine.**



Memo

- To change settings like the cutting type you want or if a mat is being used, tap [Settings], and then change the settings.
- To change the pressure or speed, tap [Settings], and then tap [Machine Settings].

5 After all app instructions have been completed, tap [Done].

▶ When the transfer is complete, the LED on ▶/II (Start/Stop Button) in the machine's operation panel flashes in green.

Memo

For details on the operations appears on the Artspira App, refer to the following:

Installing the Holder Into the Machine

Adjusting the Feed Roller Position

Loading Your Material

6 Press ▶/II (Start/Stop Button).

7 When cutting or drawing is finished, press (Feed Button) to eject the material or mat.

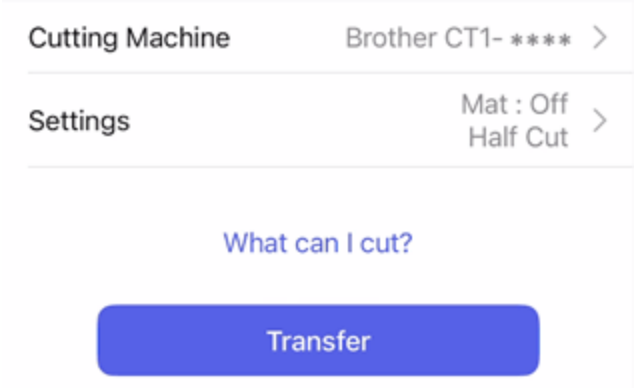
When Creating Original Data

1 On the Artspira Home screen, tap + [New], and then tap the [Cutting] tab.

2 Select the data design tool you want to use, create your data, and tap [Done] when finished.

To save your data, tap [Save]. You can pull up the saved data by tapping [My Creations].

3 Tap [Transfer], and then follow the in-app instructions to operate the machine.



Memo

- To change settings like the cutting type you want or if a mat is being used, tap [Settings], and then change the settings.
- To change the pressure or speed, tap [Settings], and then tap [Machine Settings].

4 **After all app instructions have been completed, tap [Done] to transfer the data.**

▶ When the transfer is complete, the LED on ▶/II (Start/Stop Button) in the machine's operation panel flashes in green.

Memo

For details on the operations appears on the Artspira App, refer to the following:

Installing the Holder Into the Machine

Adjusting the Feed Roller Position

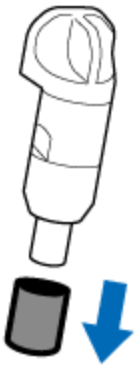
Loading Your Material

5 **Press ▶/II (Start/Stop Button).**

6 **When cutting or drawing is finished, press ⇕ (Feed Button) to eject the material or mat.**

Installing the Holder Into the Machine

1 **Remove the protective cap.**



Note

Please remove the protective cap from the blade holder before placing the blade holder into the machine carriage.

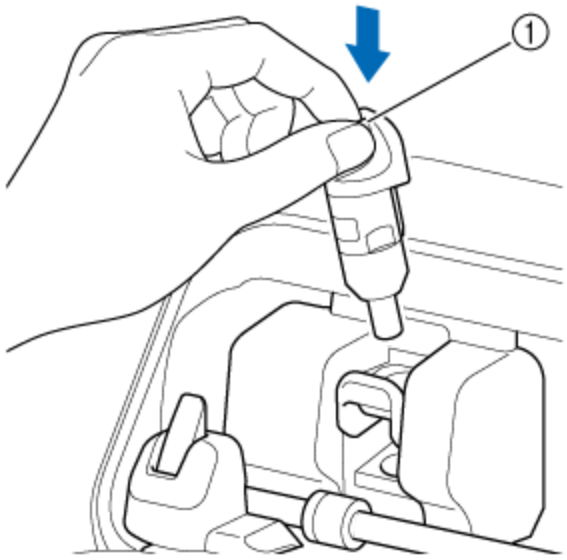
⚠WARNING

This is not a toy and is not intended to be used by children. This presents a choking hazard. In order to prevent accidental ingestion, do not allow infants/children to put the protective cap in their mouths.

⚠CAUTION

- After removing the blade holder from the machine, be sure to attach the protective cap.
- Do not press the tip of the holder with your hand or fingers because the tip of the blade will extend and may result in injuries.

2 Grasp the holder grip, and then insert the holder into the carriage.

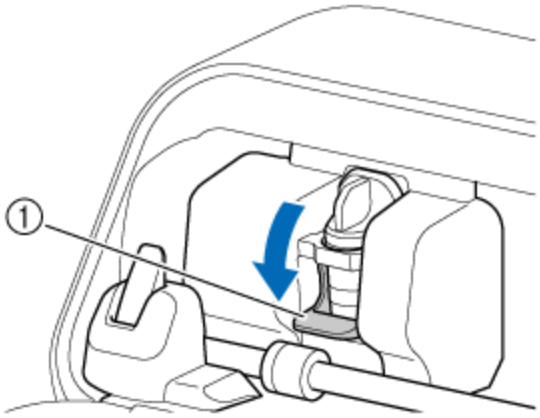


① Grip

3 **Push down on the holder lock lever.**

Firmly push down until the holder is locked in place.

To remove the holder, push up the holder lock lever to release the holder.



① Holder lock lever

Adjusting the Feed Roller Position

The feed roller position varies according to the size of the material you are using and whether or not you are using a mat.

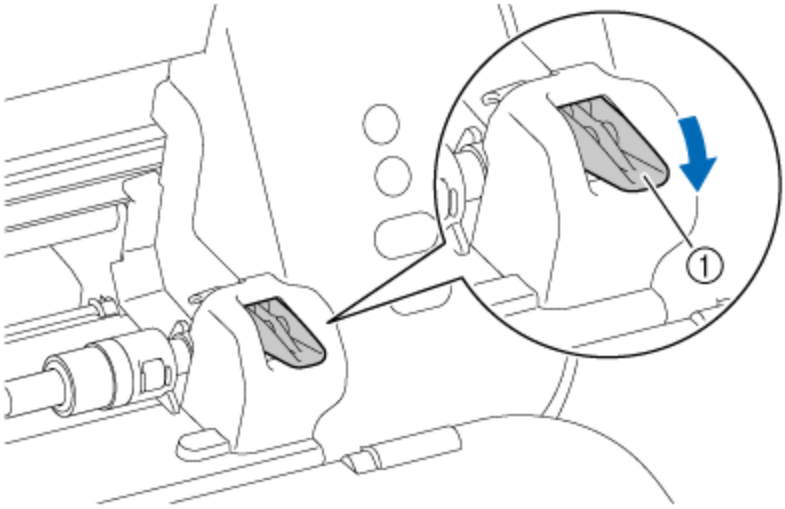
If the feed roller is not correctly positioned, the material may not feed correctly. Be sure to check the position of the feed roller before loading.

Feed Roller Position Mark	Use of Mat	Material Size

	Yes	12" × 12" (305 mm × 305 mm) mat 12" × 24" (305 mm × 610 mm) mat Mats should be used with any material less than 12" (305 mm) wide or any size other than A4/Letter
12"/~305mm	No	Material width: Up to 12" (305 mm) Material length: Up to 24" (610 mm)
A4 / LTR	No	A4/Letter size material

1 **Pull the shaft release lever on the right side of the machine toward you to release the front shaft.**

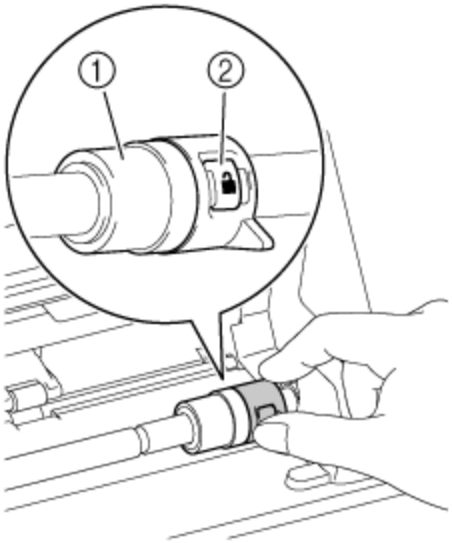
▶ The right side of the front shaft is raised, and the shaft is released.



① Shaft release lever

2 **Press the roller lock button to release the feed roller.**

▶ When the feed roller is unlocked, you can slide it to the left or to the right.

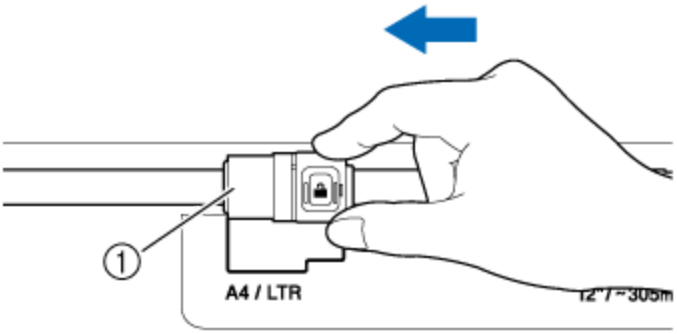


① Feed roller

② Roller lock button

3 Still pressing the button, slide the feed roller to the position mark that corresponds to the material size.

▶ Release the roller lock button at the position mark you want to lock the feed roller. The roller lock button will slide into a groove in the shaft, locking the feed roller in position.



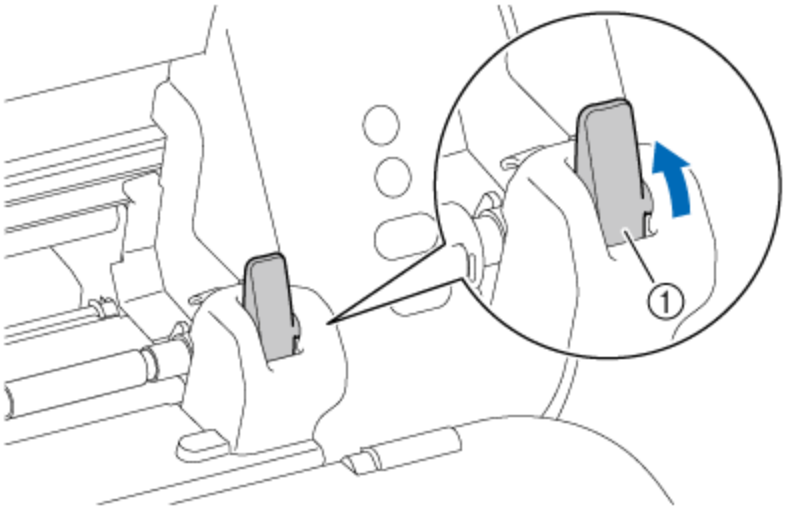
① Feed roller

Note

If the feed roller is not in the correct position, your material or mat will not feed correctly. Be sure to confirm the position of the feed roller before loading your material or mat.

4 Push the shaft release lever up to return it to its original position.

▶ Once the lever is back in place, the front shaft is locked.



① Shaft release lever

⚠CAUTION

Be careful not to pinch your fingers while operating the shaft release lever.

Loading Your Material

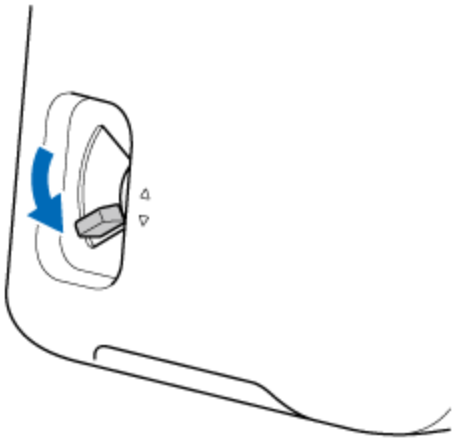
When cutting material without using a mat, follow these steps:

Note

Before starting your project, we recommend performing a test cut on the material you are using.

Test Cutting

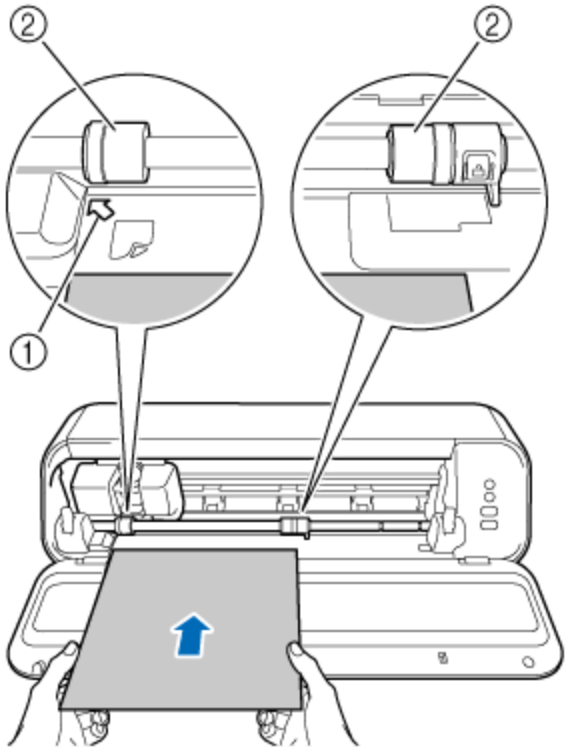
1 Set the mode change lever (on the left side of the machine) to the ▼ position.



Note

For drawing, set the mode change lever (on the left side of the machine) to the ▲ position.

2 Align the material to the arrow in the left corner (①) and insert the material under the feed rollers.



① Arrow for aligning material

② Feed roller

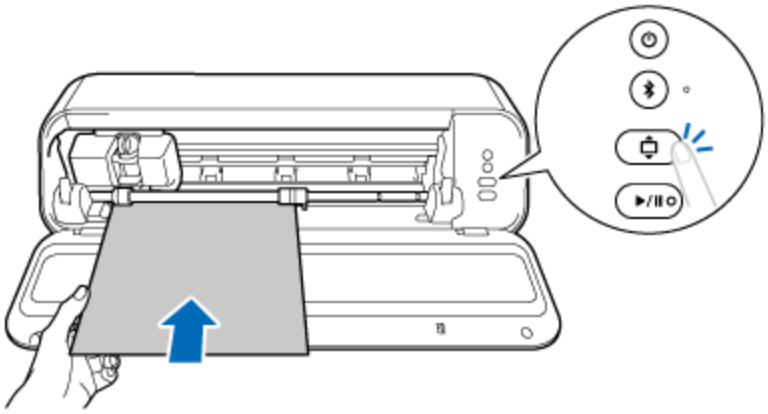
Memo

When cutting material that is 12" (305 mm) wide and has a curled leading edge, use the included Feed Supporter to help feed the material. For material of any other size, use a cutting mat.

If Your Material Has a Curled Leading Edge

3 **While holding the material gently in position, press (Feed Button). Let the material slide from your grip as the machine feeds it into the correct position.**

▶ When the material is in the correct position, it is ready for cutting or drawing.



IMPORTANT

Do not forcefully push or pull the material while it is being fed, or you may damage the feed rollers.

Note

Materials with a non-slip surface may become attached to the feed rollers during feeding and may not feed correctly. If the material does not feed correctly or becomes jammed, use a cutting mat to cut it.

Cutting or Drawing Using a Cutting Mat

Jammed Material or Mat

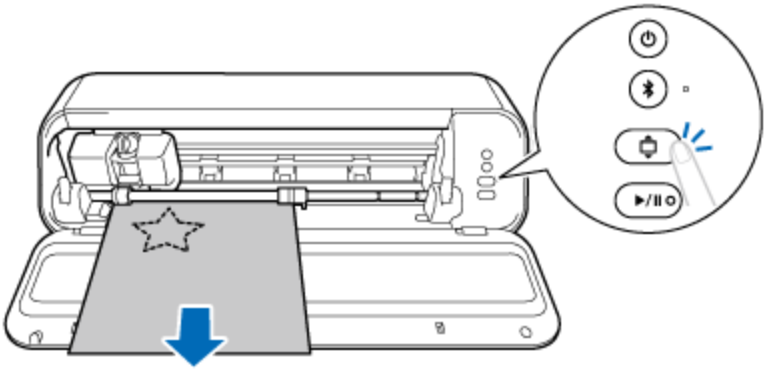
4 **Press ▶/II ○ (Start/Stop Button).**

▶ Before cutting or drawing begins, the material or mat is fed backward and forward as the machine checks that the material size is sufficient for the pattern size.

Memo

If the LED on the Start/Stop button is off, data transfer from the app is not finished.

5 **When cutting or drawing is finished, press ⏏ (Feed Button) to eject the material.**



IMPORTANT

Do not forcefully push or pull the material while it is being ejected, or you may damage the feed rollers.

Note

For the procedure using a mat, refer to the following link:

Cutting or Drawing Using a Cutting Mat

Cutting Techniques

Cut Types

Simple Matless Cutting

Test Cutting

Cutting or Drawing Using a Cutting Mat

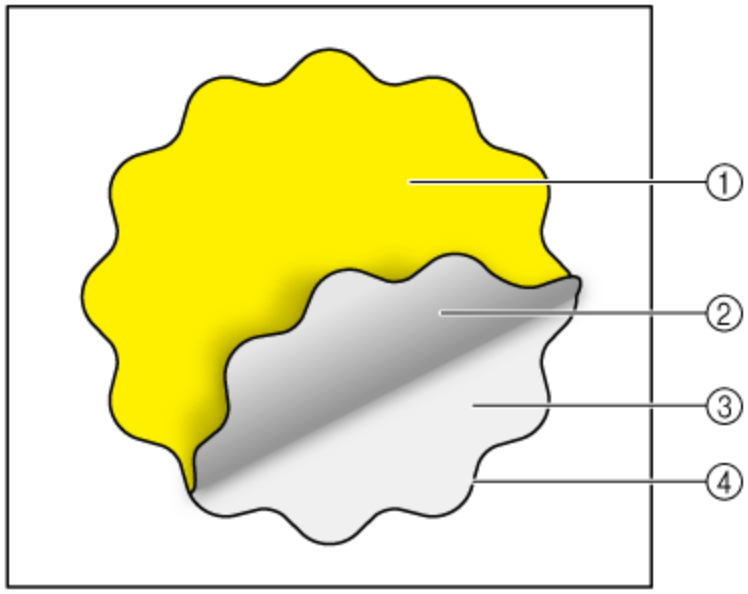
Cut Types

Use the cut type appropriate for the material you are using, the pattern shape, and the purpose or use of your project.

Half Cut

Use the Half Cut to cut adhesive-backed material, typically adhesive craft vinyl. This cuts the material but leaves the backing layer of paper or film, so you can peel the shape off the backing.

You can use the Half Cut both with and without using a mat.



① Surface (printed side)

② Back (adhesive side)

③ Backing

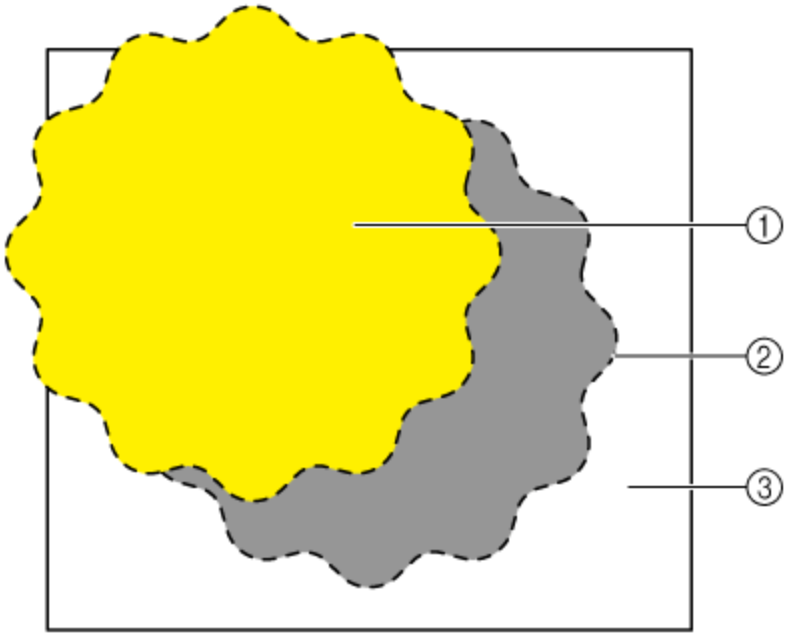
④ Half Cut

Perforation Cut

Use the Perforation Cut when you want to cut a perforated or “dotted” line that can be manually punched removed from your material. This cut type is suitable for cutting large patterns.

Combine the Perforation Cut with the Half Cut to make stickers, and the machine cuts each pattern so it remains adhered to its backing and can be peeled later. In addition, materials such as paper can be cut without using a cutting mat so that the cutouts do not come loose during cutting.

You can use the Perforation Cut without using a mat.



① Surface (printed side)

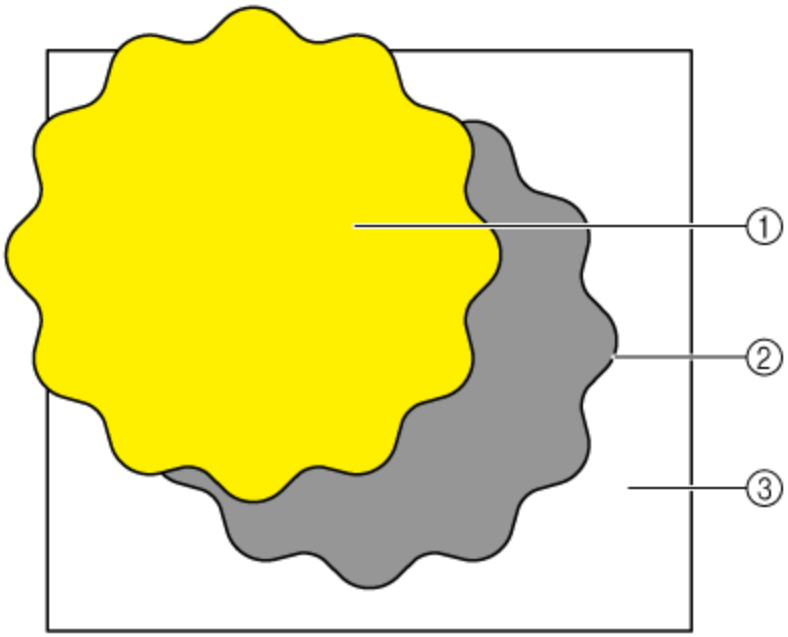
② Perforation Cut

③ Backing Board

Full Cut

Use the Full Cut when you want a complete cut of any shape from your material, whether it has one layer or two. This cut type is suitable for cutting small and intricate patterns.

You must use a mat when making Full Cuts.



① Surface (printed side)

② Full Cut

③ Backing Board

Simple Matless Cutting

This machine can cut vinyl, paper, printed stickers, and more without using a cutting mat. In this manual, this feature is referred to as Simple Matless Cutting.

Simple Matless Cutting allows you to use either Half Cut or Perforation Cut. Certain types of designs in Artspira may combine both cut types. (Cut Types)

Material	Poster board, cardstock, vinyl, heat transfer vinyl, stickers/seals
Thickness	0.2 mm to 0.5 mm (150 to 250 g/m^2)
Material size	Standard A4/Letter or 12" (305 mm) wide When cutting any other sizes, use the cutting mat.
Maximum cutting area	Approx. 11 3/16" (W) × 22 1/8" (L) (284.8 mm (W) × 561.6 mm (L))

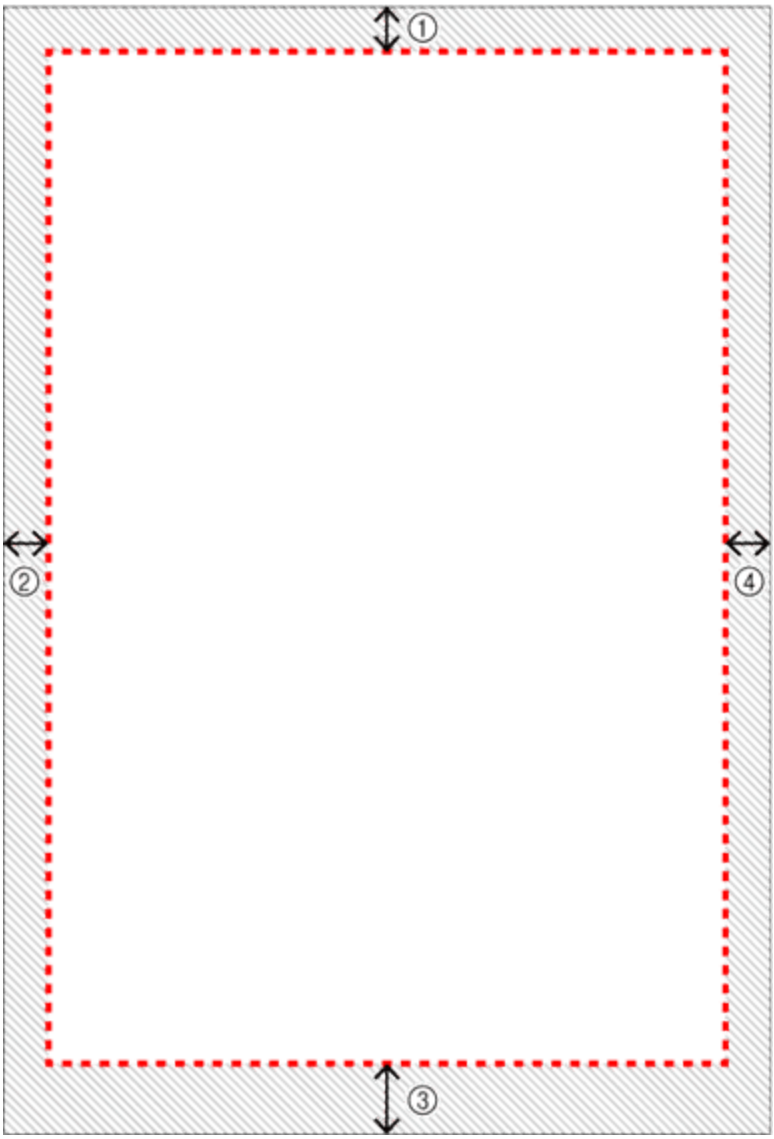
Memo

- When cutting rolled material that is 12" (305 mm) width, be sure to remove any curl and use the included Feed Supporter to feed the material.

  If Your Material Has a Curled Leading Edge
- For more information on using Simple Matless Cutting with different type of material, visit our website “What can I cut?” (https://s.brother/csqka/).

Non-cuttable Areas

The measurements in the table below show maximum non-cuttable areas from the edges of the material sizes.



① Top	② Left	③ Bottom	④ Right
Approx. 0.7" (18 mm)	Approx. 0.5" (12 mm)	Approx. 1.2" (30 mm)	Approx. 0.3" (8 mm)

Tips for Successful Perforation Cut

To make the most of this cutting process, follow these tips when using the Perforation Cut:

- Your pattern size should be at least approximately 2" (50 mm) or larger.
- When cutting multiple patterns at the same time, space them far apart.
- We recommend avoiding patterns with many sharp angles. When using a pattern with sharp angles, try to round them out, as shown below.



Note

- If your material cannot be cut cleanly using Simple Matless Cutting, use a cutting mat.
- When cutting from the excess from an already-cut piece of material, use a cutting mat.
- Materials with a non-slip surface may stick to the feed rollers during feeding, causing the material to feed incorrectly. If the material does not feed correctly or become jammed, use a cutting mat.

  Cutting or Drawing Using a Cutting Mat

  Jammed Material or Mat

If Your Material Has a Curled Leading Edge

When cutting material that is 12" (305 mm) wide and its leading edge is curled, the material may feed askew or become jammed.

Follow the steps below to load your curled leading edge material using the included Feed Supporter.

Note

Instructions for using the included Feed Supporter can also be viewed in this video:

[BrotherSupportSewing] Using the feed supporter

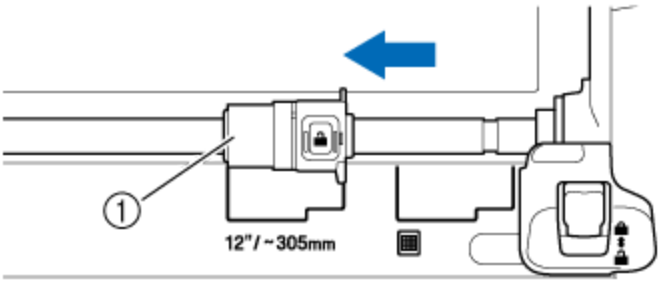
BrotherSupportSewing

Watch on

1 **Before installing the Feed Supporter, try to remove any curls from the material.**

2 **Adjust the position of the feed roller to 12"/~305mm.**

Adjusting the Feed Roller Position

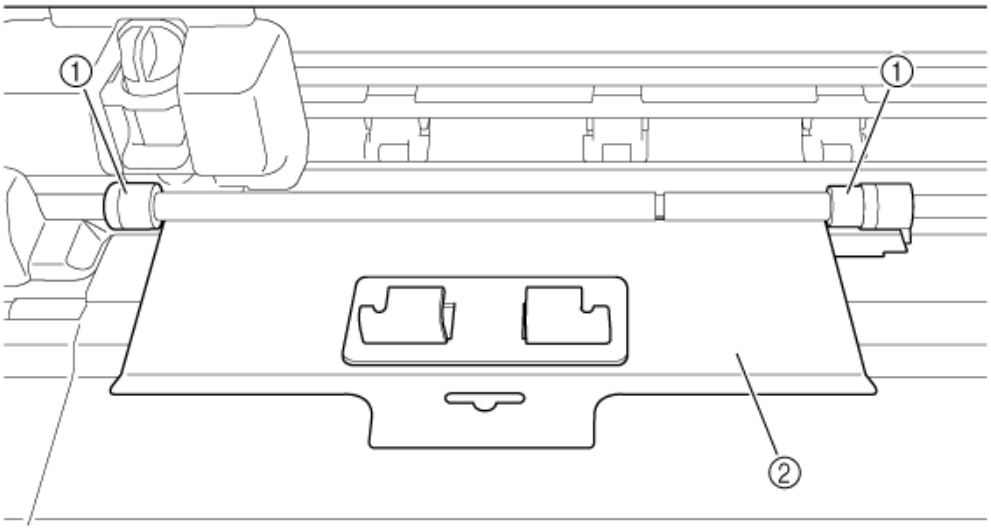


① Feed Roller

Note

After changing the position of the feed roller, be sure to set the shaft release lever to the locked position.

3 **Place the Feed Supporter between the left and right feed rollers.**

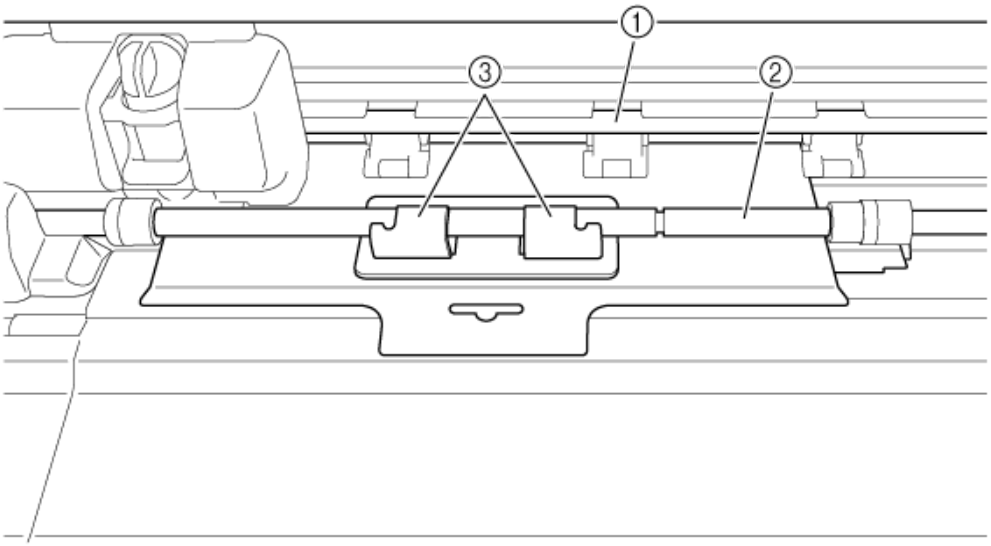


① Feed Roller

② Feed Supporter

4 **Insert the Feed Supporter up to the back shaft. Fit the Feed Supporter hooks onto the front shaft.**

▶ Make sure that the front edge of the Feed Supporter fits under the feed rollers on the back shaft.

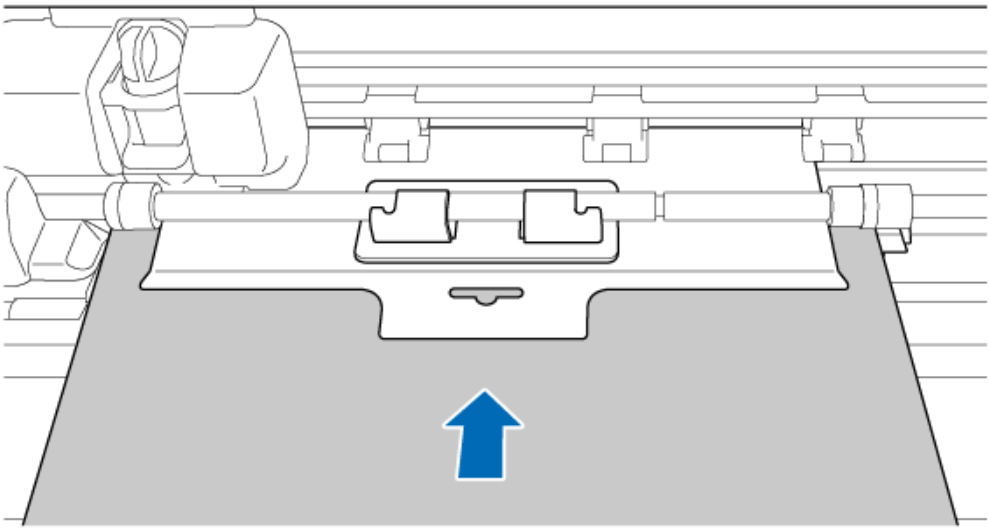


① Shaft (back)

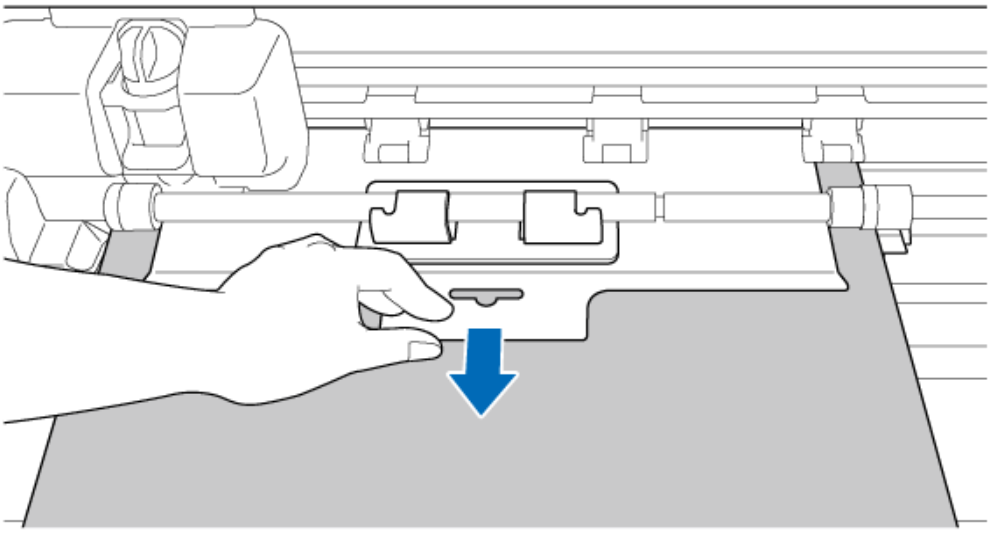
② Shaft (front)

③ Feed Supporter Hooks

5 **Insert the material under the Feed Supporter, and then press (Feed Button) to feed the material.**



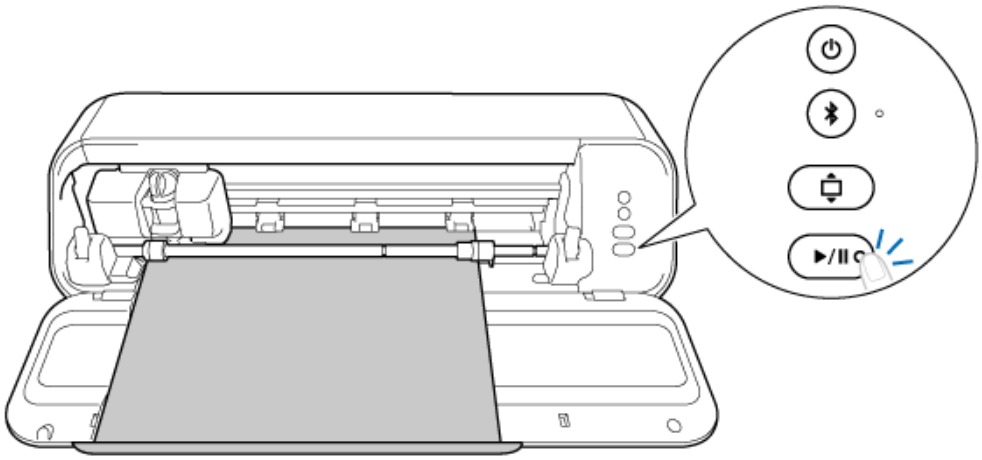
6 **After the material feeds into the machine, but before cutting, pull the Feed Supporter toward you to remove it.**



Note

Before cutting, be sure to remove the Feed Supporter from the machine. Cutting with the Feed Supporter installed may result in not being cut properly.

7 **Press ▶/II ○ (Start/Stop Button) to start cutting.**



Memo

- If the material does not feed correctly, even when the Feed Supporter is used, try cutting using a cutting mat.
- When using A4/Letter size material with a curled leading edge, try to remove the curl before feeding the material. If the material does not feed correctly, use a cutting mat.

  Cutting or Drawing Using a Cutting Mat

8 **When finished, press (Feed Button) to eject the material.**

Test Cutting

Before starting your project, we recommend performing a test cut on the material you are using.

1 **Select the pattern for test cutting according to the cut type to be used.**

Cut Type	Patterns That Can Be Used	Compatible Material
Half Cut	Test Cut patterns or any other patterns	Matless/ With Mat
Perforation Cut	Patterns other than the Test Cut patterns	Matless

Full Cut	Test Cut patterns or any other patterns	With Mat

Memo

To use Test Cut patterns, tap [TEST] in the list that appears after selecting [Cutting Designs] in the home screen, and then select from the available patterns. The pattern is automatically sized appropriately for test cutting.

Note

Do not reuse material that has been test cut with the perforation cut. Otherwise, the material may become jammed during feeding or may not be cut properly.

2 **Arrange the pattern to be test cut, and resize it if necessary.**

3 **Tap [Transfer], and then follow the in-app instructions to operate the machine.**

4 **After all app instructions have been completed, tap [Done] to transfer the data.**

5 **Press**  **(Start/Stop Button) on the machine to start cutting.**

6 **If the material does not cut cleanly, refer to the following table, and adjust the cut pressure setting:**

Some or all of the pattern is not cut.
The cutting pressure may be too light. In Artspira's Cut Settings screen, increase the cut pressure setting by one.
(When using Half Cut) The pattern is completely cut out of the material, not half cut.
The cutting pressure may be too strong. In Artspira's Cut Settings screen, decrease the cut pressure setting by one.
(When using Full Cut) There are deep cuts completely through the mat.
The cutting pressure may be too strong. In Artspira's Cut Settings screen, decrease the cut pressure setting by one.

If cutting is still not successful, even after changing the setting, there may be other causes. Refer to the following link, and take action appropriate for the symptom.

Material Not Cutting Cleanly

Cutting or Drawing Using a Cutting Mat

When cutting small, intricate patterns or thin materials, we recommend using a cutting mat.

[How to Select the Best Mat for Your Material](#)

[Attaching Material to the Mat](#)

[Loading the Mat for Cutting or Drawing](#)

How to Select the Best Mat for Your Material

There are two types of mats, designed for different uses. See the Mat Type table below.

Note

Use Half Cut or Full Cut when using a cutting mat.

Mat Type

Mat	Description
Standard Tack Adhesive Mat	This mat has high adhesive strength. Do not use it with printer paper, as the material may stick to the mat and become unusable.
Low Tack Adhesive Mat	This mat has low adhesive strength. It is suitable for printer paper and paper with a smooth surface.

Reference Table of Mat and Material Combinations

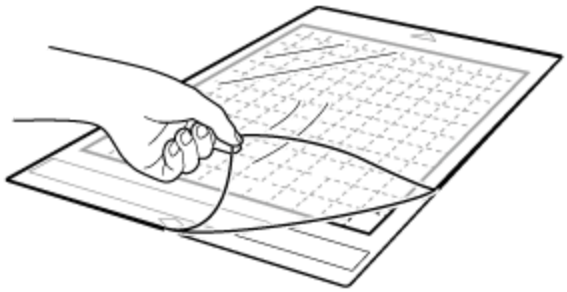
Material (thickness)	Standard Tack Adhesive Mat	Low Tack Adhesive Mat
Printer paper (80 g/m² (0.1 mm))	🚫	✓
Scrapbook paper (thin) (120 g/m² (0.15 mm))	-	✓
Scrapbook paper (medium-thick) (200 g/m² (0.25 mm))	✓	✓*1

Cardstock (280 g/m² (0.35 mm))	✓	✓*1
Vellum, tracing paper (0.07 mm)	-	✓
Plastic sheet (PP) (0.2 mm)	✓	-
Vinyl (0.2 mm)	✓	-
Sticker or seal (0.2 mm)	✓	✓

*1 When cutting paper with a smooth surface

// Attaching Material to the Mat

1 Peel off the protective sheet from the adhesive side of the mat.



Note

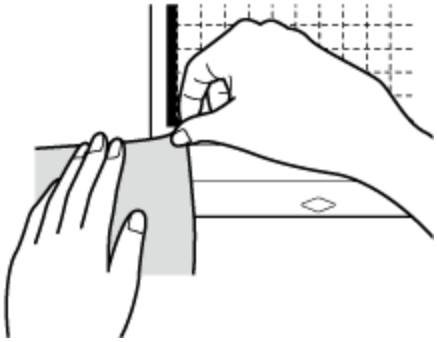
- Do not discard the protective sheet peeled off the mat; save it for later use.
- In order to maintain the adhesive strength, attach the protective sheet to the adhesive side of the mat after use.

2 Test attaching the material.

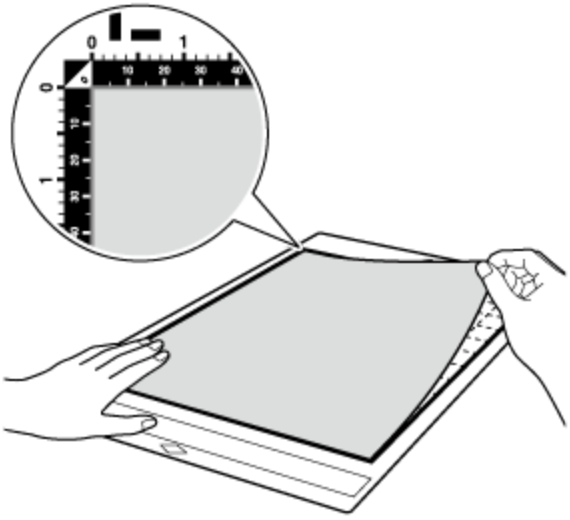
Before attaching the material to the mat, use a corner of the adhesive side of the mat to test attaching it.

If any of the following problems occur when test attaching, the adhesive strength of the mat is too high for the material. Use different material.

- When the material is peeled off, color from the material remains on the mat.
- When the material is peeled off, it tears or is deformed.

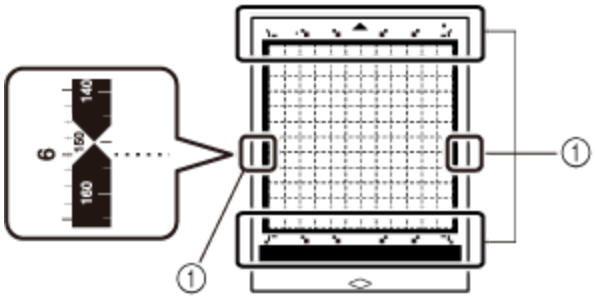


3 Attach the material to the mat's adhesive side.



Note

- Do not affix masking tape, etc., over the scanning marks. Otherwise, the mat may not be correctly detected.



① Scanning marks

- Do not affix tape on both long edges of the cutting mat as it may attach to the feed rollers during operation.
- Do not attach any material or tape that will go beyond the adhesive area of the mat as the auto blade holder may not recognize the material thickness and may not accurately cut the material.
- Insert into the machine the end of the mat marked with an arrow. Pay attention to the mat's orientation to avoid inserting the mat incorrectly.

IMPORTANT

Place the material within the attaching area (grid) on the adhesive side of the mat. If the material extends from the attaching area, it may be caught on the feed rollers when the mat is fed, damaging the machine.

4 **Firmly attach all of the material to the mat so that there are no wrinkles or curling edges.**

Wrinkles and curls in the material may cause the mat to become caught when it is inserted.

Note

- Tape material that can easily peel off to secure it in place. Be careful since tape with an extremely high adhesive strength may damage the mat.
- If the mat is dirty, the material may not be properly attached.

Cleaning

// Loading the Mat for Cutting or Drawing

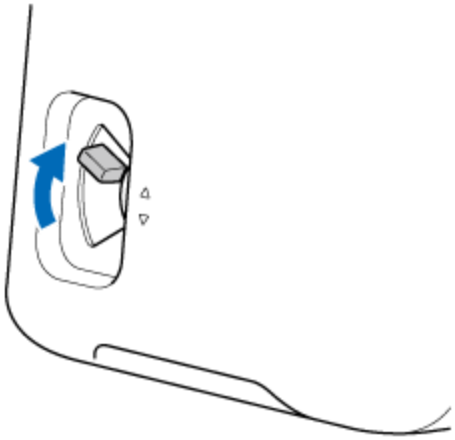
1 **Transfer the data to the machine. (Transferring Data Created with Artspira)**

Note

- In Artspira's Preview screen, tap [Settings], and then make sure that [Use Mat] is switched on before transferring data.
- Before starting your project, we recommend performing a test cut on the material you are using.

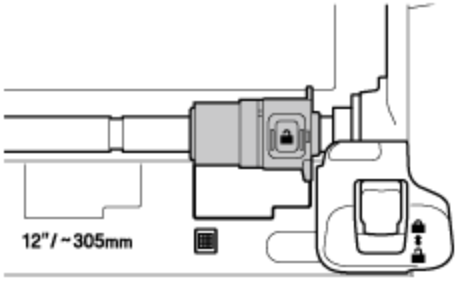
Test Cutting

2 **Set the mode change lever on the left side of the machine to the ▲ position.**



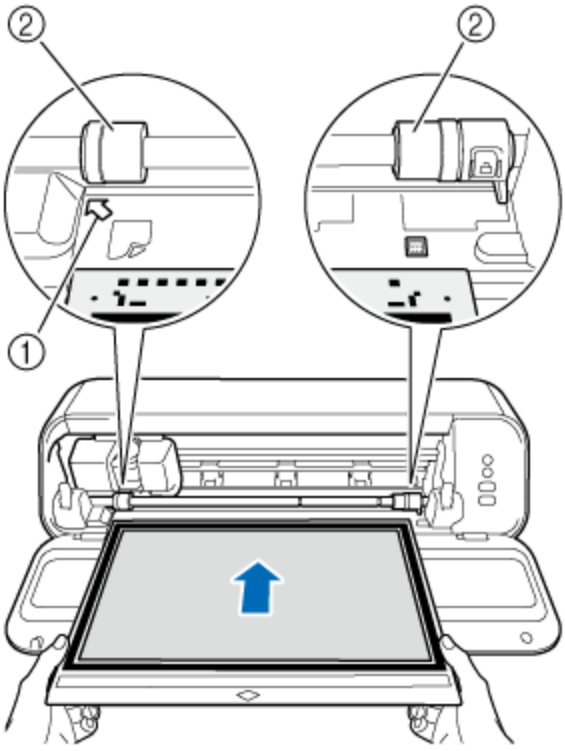
3 **Make sure that the position of the feed roller is adjusted to (Cutting Mat).**

Adjusting the Feed Roller Position



4 **Align the mat to the arrow in the left corner (①) and insert the mat under the feed rollers.**

Insert the end of the mat marked with an arrow into the machine.

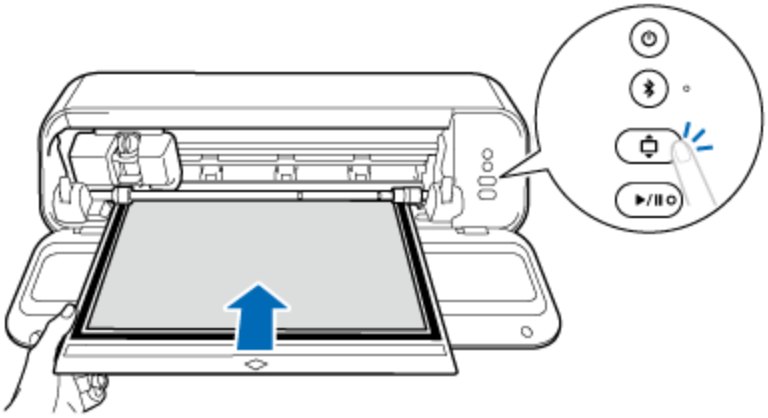


① Arrow for aligning mat

② Feed Roller

5 **While holding the mat level, press (Feed Button).**

▶ When the mat stops moving, the material is ready for cutting or drawing.



IMPORTANT

Do not forcefully push or pull the mat while it is being fed, or you may damage the feed rollers.

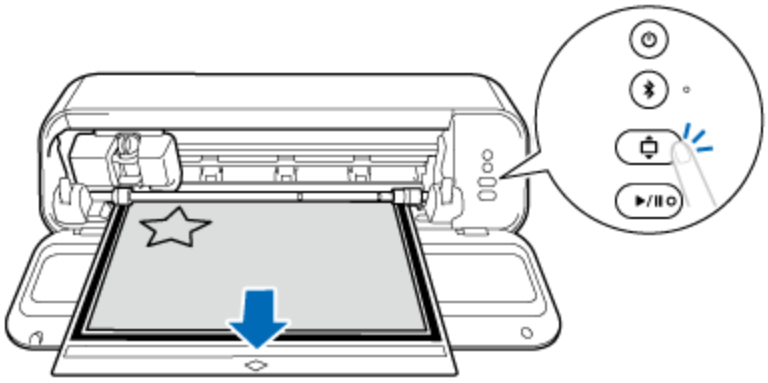
6 **Press (Start/Stop Button).**

▶ Before the machine cuts or draw, it feeds the mat backward and forward to check that the material size is sufficient for the pattern size.

Memo

If the LED on the Start/Stop button is off, data transfer from the app is not finished.

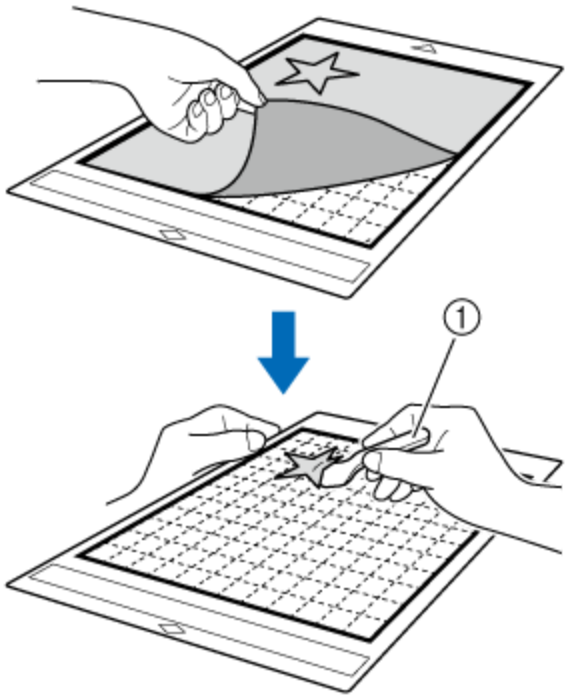
7 **When cutting or drawing is finished, press (Feed Button) to eject the mat.**



IMPORTANT

Do not forcefully push or pull the mat while it is being ejected, or you may damage the feed rollers.

8 **Use the included spatula to carefully peel off the material.**



① Spatula

Note

When peeling off the material, insert the spatula as level as possible into the space between the material and mat. Strongly rubbing the adhesive side of the mat may

damage it.

Artspira App Functions

Data Design Tools
Using the Sticker Maker Tool
Alignment Cutting Function
Drawing Function
Importing Function
Other Functions

Data Design Tools

With Artspira, you can create original data using your own images or designs in Artspira.
To display the design tools, go to the Artspira Home screen, tap + [New], and then tap the [Cutting] tab.

[Design Editor] 	Create patterns by combining designs and text in Artspira. Change lines in the pattern to cutting lines or drawing lines, and add text in your favorite style. Alignment Cutting Function
[Sticker Maker]	Design stickers by importing designs in Artspira, or images stored on your device or in cloud storage. Using the Sticker Maker Tool Alignment Cutting Function

	
[Drawing Tools (Cutting)] 	Create hand-drawn cutting data.
[Line Art Tracing] 	Trace an image to create cutting lines. Import images stored on your device or in cloud storage, and then convert them into cutting lines.

Memo

Due to ongoing improvements in Artspira, the displayed icons, as well as tool and menu names, may differ from those in the actual screens, which are subject to change without notice.

Using the Sticker Maker Tool

[Creating Stickers](#)
[Sticker Types](#)
[Cutting Created Data](#)

// Creating Stickers

With the [Sticker Maker] tool, you can use alignment functions to create original stickers by using your own images or Artspira content.

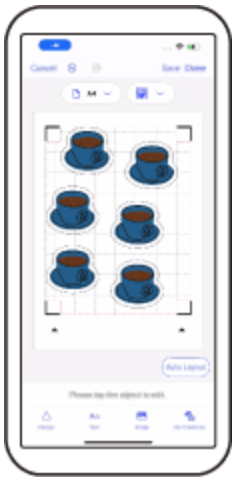
Preparation:

- Home printer (inkjet recommended) that is compatible with A4/Letter size sticker sheet and the default printing service of your mobile device
- Sticker sheet(s) compatible with your printer

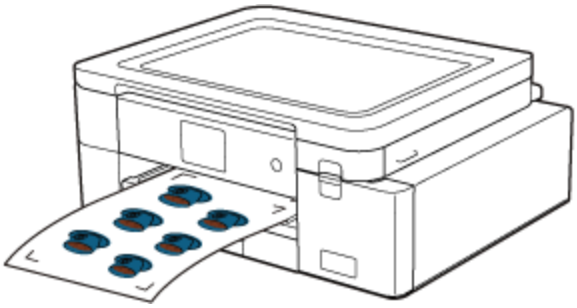
Selecting the sticker type


▼

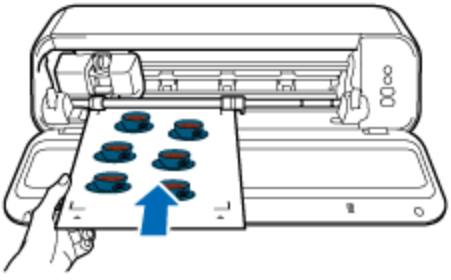
Creating data



Printing the sticker sheet with the printer



Cutting the sticker sheet with the machine

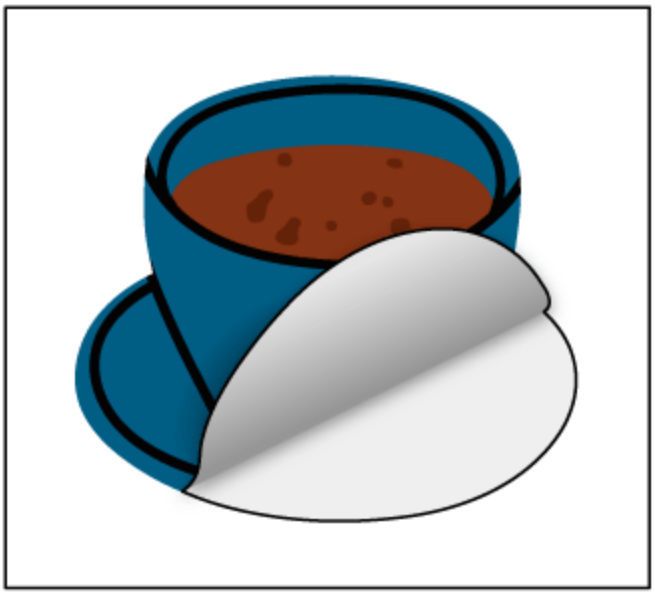


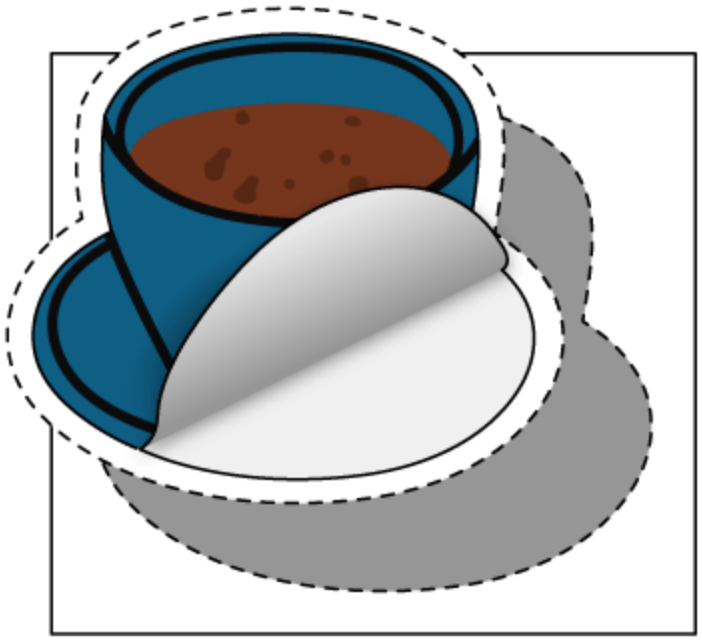
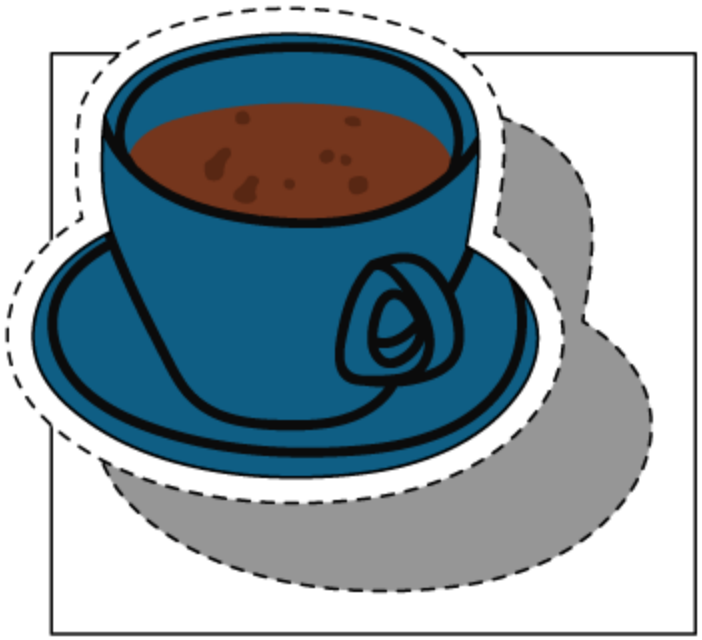
Note

For details on combining a printing data and a cutting data using other tool, refer to the following link.

Alignment Cutting Function

Sticker Types

Sticker Type	Description	Cut the Backing Layer
 [Sticker Half Cut]	• The Half Cut is used to cut around the pattern, cutting only the top layer of the material. • To add a margin around the pattern, change the cutting position in the editing screen. 	No
 [Sticker Half Cut with Easy Peel]	• Both the top layer and the backing layer of the material are cut. • The Half Cut is used to cut along the outside edge of the pattern, and then the Perforation Cut is used to cut both layers (including the backing) along a margin outside of the half cut.	Yes

		
 [Sticker Full Cut]	• The Perforation Cut is used to make a cutting line through both layers of the material, including the backing. • A margin of 0.2" (5 mm) is added around the pattern. Change the margin width in the editing screen. 	Yes

// Cutting Created Data

Preparation:

- Pair the machine and the Artspira app.

  Pairing the Machine with a Mobile Device

- Configure the printer for mobile printing, and then load the sticker paper. For details on using the printer, refer to the printer's manual.

1 **Tap [New] in the Artspira Home screen > [Cutting] tab.**

2 **Select [Sticker Maker] in the menu, and then select the material size in the screen that appears.**

3 **Select the sticker type, and then tap [Done]. (Sticker Types)**

▶ The editing screen appears.

4 **Select the menu to retrieve the data from the menu at the bottom of the screen.**

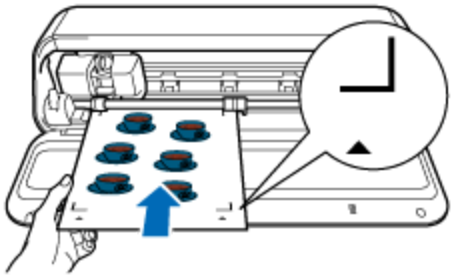
5 **Edit the data if necessary, and then tap [Done].**

To save your data, tap [Save]. You can pull up the saved data by tapping [My Creations].

6 **When the preview screen appears, tap [Print].**

▶ The mobile device's print options appear. Select the option you want, and then print.

7 **Confirm the feeding direction of the printed material, and then load the material into the machine.**



8 **After printing, the cutting preview screen appears. Tap [Transfer] to transfer the cutting data to the machine.**

The available cut types and the screen that appears differ depending on the selected sticker type.

9 **Follow the in-app instructions to cut the material.**

Note

If [Sticker Half Cut with Easy Peel] is selected, two cutting operations are performed: Half Cut and Perforation Cut. Do not eject the material until all cutting is

finished.

10 When finished, press (Feed Button) to eject the material.

Alignment Cutting Function

Overview of Alignment Cutting Function

Cutting with the Alignment Cutting Function

Adjust the Cutting Position

Overview of Alignment Cutting Function

When using the [Design Editor] or [Sticker Maker] tool in Artspira, you can combine a print image with cutting data. The registration marks will be added to the printing data and the machine will detect the cutting position.

Note

- This function is compatible only with A4/Letter size material.
- Prepare a home printer (inkjet recommended) that is compatible with the default printing service of your mobile device.
- Print using print settings appropriate for the material being used. For details on specifying printer settings, refer to the printer's manual.
- While cutting, make sure that the machine is not exposed to strong, direct light. If the registration marks cannot be detected due to interference with the sensor detecting the marks, cutting may not be performed properly.
- Make sure that the app and the machine are paired.

Materials That Can Be Used

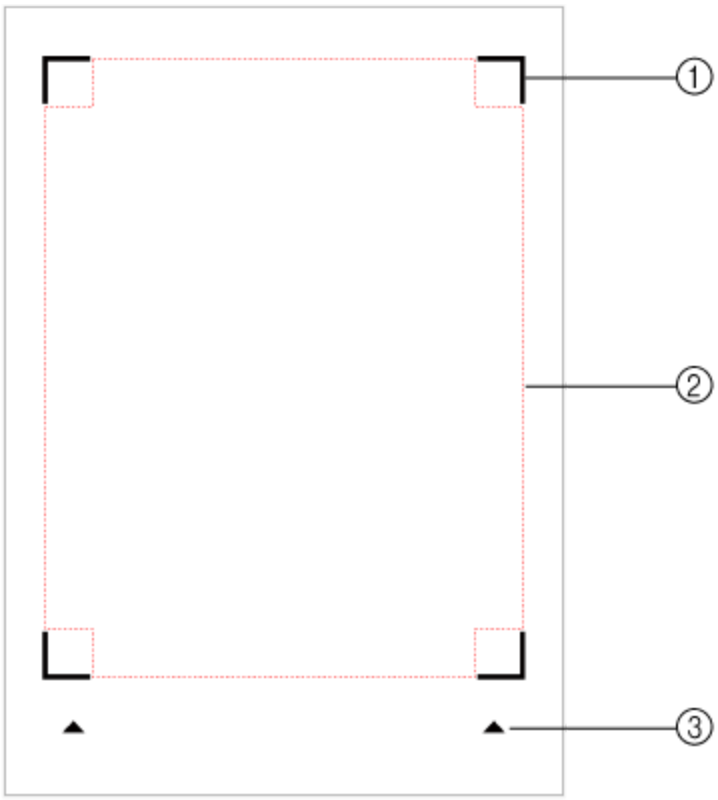
Cutting performance is affected by the type of material you use. For best cutting results, we recommend using materials with a matte finish.
The characteristics of the following materials may make it difficult to detect the registration marks:

- Dark-colored material
- Shiny or light-reflective material
- Material with an intricate and detailed pattern
- Transparent material

- Rough material
- Creased material

About Registration Marks

Registration marks are automatically added to the print data in the four corners, according to the material size.



① Registration mark

② Data placement area

③ Material feeding direction (Simple Matless Cutting only)

About Your Printout

If the registration marks are not printed correctly, they may not be detected and cutting performance may be affected.
Follow these guidelines when printing to confirm that there is no issue with the print results:

- Print at actual size, using material of the same size as specified in Artspira.
- Print with the high print quality setting.
- If there are smudges near the registration marks, try printing again on a new sheet of material.
- If the printed registration marks are smeared or the ink is bleeding, or if the registration marks are incomplete, check the condition of the printer, and then try printing again.



Cutting with the Alignment Cutting Function

Cutting procedures differ depending on the editing tool you use.

In this procedure, use the [Design Editor] tool.

1. **In Artspira's Home screen, tap [New], tap the [Cutting] tab, and then tap [Design Editor].**
2. **At the top of this screen, tap the mat size, tap [Bellissimo], and then specify the settings for the data to be created.**
3. **Tap the [Cutting] or [Printing] tab, and then create the corresponding data for cutting and printing.**

   ▶ To edit data, tap the data you want to update, and then edit it from the menu that appears.

   Memo

   - The [Printing] tab does not appear if the machine is not paired with Artspira.
   - Editing functions differ depending on the selected data.
   - Cut lines can be added only to the print design or text object.
   - Designs selected in the [Printing] tab cannot be convert to a draw data.

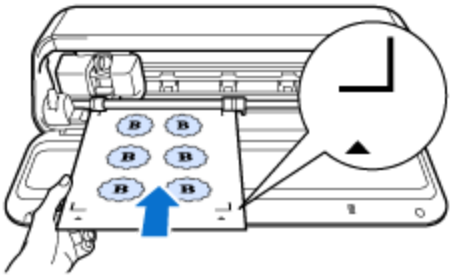
4. **After editing is finished, tap [Done].**

   ▶ The print preview screen appears.

5. **Tap [Print] to print the data on the printer.**

   ▶ The mobile device's print options appear. Select the option you want, and then print.

6. **Tap the [Cut] tab to show the cut preview screen, and then tap [Transfer] to transfer the data to the machine.**
7. **Follow the in-app instructions to cut the printed material.**

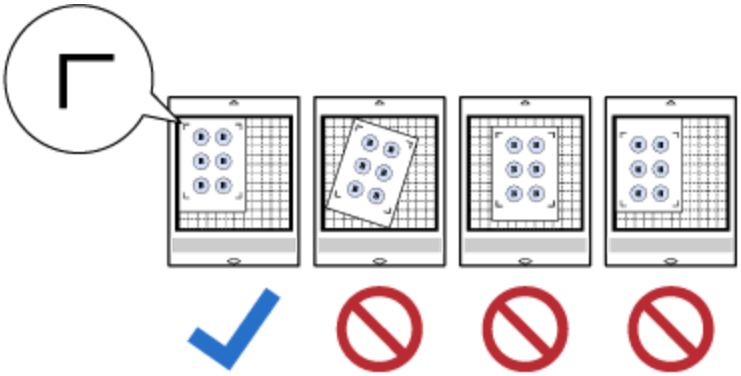


Note

- Before loading the material, make sure that the feed rollers are not dirty. If the feed rollers are dirty, clean them before cutting.

  Cleaning

- Make sure that the print ink is completely dry before loading.
- When cutting using a cutting mat, attach the material in the upper-left corner of the mat so that the registration marks and feeding direction are aligned.



8 **When finished, press (Feed Button) to eject the material or mat.**

Note

- If the cutting line is misaligned with the printed data, use the calibration function to adjust the cutting position.

  Adjust the Cutting Position

// Adjust the Cutting Position

If there are issues with the alignment of the cutting line and the printed image, use the Calibration function to adjust the cutting position.

Preparation:

- Use the same printer used for the [Sticker Maker] or [Design Editor] tool.
- For details on setting up the printer to be used with the mobile device, refer to the printer's manual.
- We recommend using the same material as to be used with the alignment cutting function.
- Make sure that your mobile device and the machine are paired.

Follow the steps below to calibrate the machine sensors.

1 **In the upper-right corner of the Artspira Home screen, tap .**

2 **Tap the name of the machine you want to adjust.**

▶ The setting screen appears.

3 **Tap [Calibration].**

4 **Select the size of the material to be used, and then tap [Next].**

Memo

To calibrate using material attached to a cutting mat, switch on [Mat].

5 **When the print preview screen appears, tap [Print].**

▶ The mobile device's print options appear. Select the option you want, and then print.

6 **When the first calibration data transfer screen appears, make sure the machine you are using is selected, and then tap [Transfer].**

▶ Follow the in-app instructions to load and cut the material printed in step 5.

Note

- Load the material so that it feeds in the direction of the ▲ on your printout.
- Do not eject the material or mat, even after cutting is finished.

7 **When cutting is finished, DO NOT eject the material or mat. Check the cut line and on your mobile device, enter the number corresponding with which printed line aligns with the cutting line in the Artspira screen. When finished, tap [Next].**

▶ The calibration number you enter is sent to the machine.

8 **The second calibration data transfer screen appears. Press (Start/Stop Button) to cut the second data.**

9 **Press (Feed Button) and confirm all the cut line on the "+" marks are aligned with the printed image and tap [Done]. If any of the cut lines are misaligned, tap [Start Over] and repeat**

from step 4.

Memo

If the cutting position remains misaligned, even after repeating the calibration procedure, refer to the following link to check other issues.

Positioning Issues

Drawing Function

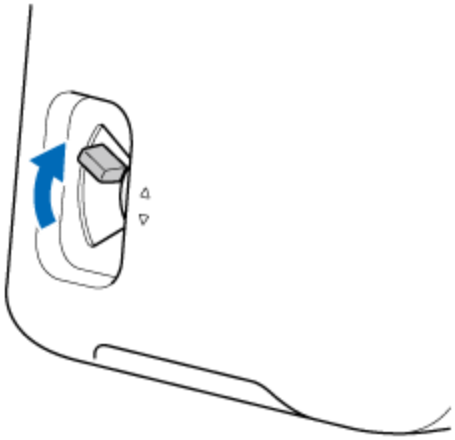
By changing the data process to [Draw] in the editing screen, you can convert a cutting line to a drawing line and draw on your favorite material using the pens you want.

To use the machine's drawing function, use the Universal Pen Holder (CAUNIPHL1) or Small Barrel Pen Holder (CAUNIPHL2). These optional accessories are sold separately.

For information on optional accessories, refer to the Brother support website (https://s.brother/ccqag/).

To draw using design content from Artspira:

1 **Set the mode change lever (on the left side of the machine) to the ▲ position.**



2 **Go to Artspira's Home screen, select a cutting design you want, and then tap [Create].**

3 **In the editing screen, tap the pattern.**

Memo

To draw only a part of a design that contains multiple parts, tap [Ungroup] to separate the parts.

4 **From the drop-down list, tap [Draw].**

If you are combining multiple parts of different designs, you must set the processing method separately for each part.

5 **When finished, tap [Done] to display the Preview screen.**

If necessary, tap [Save] to save the data in [My Creations].

6 **Tap [Transfer] to transfer the data to the machine.**

When you create a design that includes cutting data, transfer the data to the machine by following the order of the tabs at the top of the screen.

7 **Install the pen holder into the machine.**

For installation instructions, refer to the manual included with the pen holder.

8 **Adjust the position of the feed roller, and then load the material into the machine.**

Adjusting the Feed Roller Position

Loading Your Material

9 **Press ▶/II (Start/Stop Button) to start drawing.**

10 **When drawing is finished, press (Feed Button) to eject the material or mat.**

Importing Function

Import data from your mobile device into Artspira.

1 **In the Artspira Home screen, tap [New].**

2 **Select the [Cutting] tab, and then tap [Design Editor].**

3 **Tap [Import] at the bottom of the screen and select the data to be imported.**

▶ To import saved data created using [Line Art Tracing] or [Drawing Tools (Cutting)], tap [My Creations].

Memo

Data can also be transferred from CanvasWorkspace (PC version) to Artspira. For details, refer to https://s.brother/csqkb/.

Other Functions

Browsing and Sent History Function

Content that has been viewed or sent to the machine is stored in the [History] screen. Up to 10 sent files are saved and can be re-edited or re-transferred to the machine. When the history exceeds 10 files, the oldest item is automatically deleted.

1 **In the Artspira Home screen, tap .**

2 **Tap [History], and then tap the [Sent history] tab.**

> **Memo**
>
> If the [Sent history] tab does not appear in the screen, there are no items in your sent history.

3 **Select the content you want.**

▶ The editing screen appears. Edit the data if necessary, and then transfer it to the machine for cutting or drawing.

Settings Screens

Changing the Machine's Settings

Machine Settings Screen

App Settings Screen

Changing the Machine's Settings

Use Artspira's Machine Settings screen to customize and configure your machine settings.

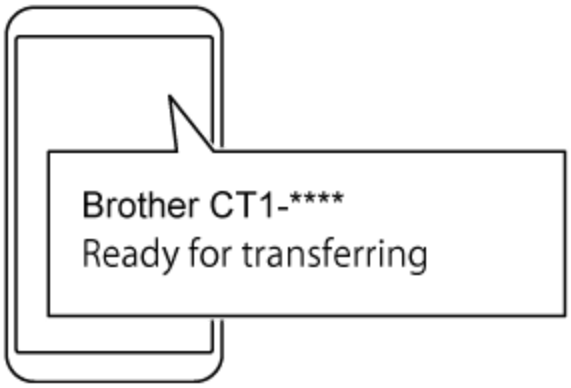
Note

Make sure your machine is paired with and connected to Artspira. If the machine and the app are not connected, no settings appear in Artspira's Machine Settings screen.

1 **In the upper-right corner of the Artspira Home screen, tap .**

2 **Tap the machine name whose setting you want to change.**

▶ The settings screen appears.



3 **Tap the setting you want to change, and then change it.**

4 **When finished, tap [Send] to send the updated settings to the machine.**

Machine Settings Screen

Depending on the Artspira version uploaded on your mobile device, the Machine Setting Screen menus listed in this manual may differ slightly from the ones you see in Artspira.

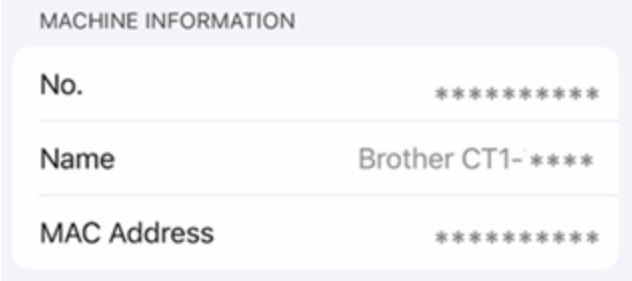
- **Connection status**

  Shows the status of the connection between the machine and app.



- **[MACHINE INFORMATION] (only when paired)**

  Shows information about the machine.

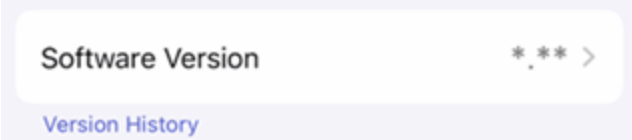


- **Machine software version information**

  Shows the machine's software version.

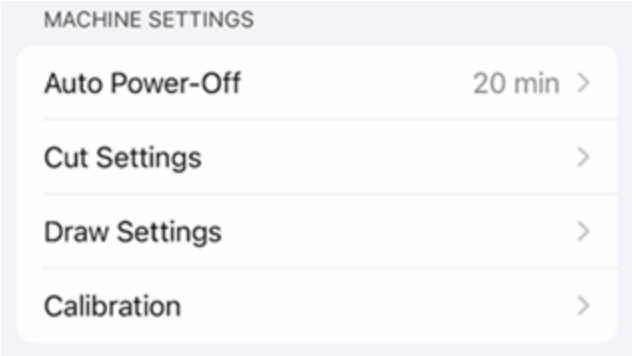
  If there is an available update, make sure to update the machine to the latest version.

  Updating the Machine



- **[MACHINE SETTINGS] (only when paired)**

  Shows the machine's settings.



  - [Auto Power-Off]: Specify the time until the machine automatically turns off.
  - [Cut Settings]: Specify the cutting speed and pressure.
  - [Draw Settings]: Specify the drawing speed and pressure.
  - [Calibration]: Adjust the cutting position if it becomes misaligned while using the alignment cutting function. (Adjust the Cutting Position)

  Memo

  To change settings while data is being created, go to [Preview] screen and tap [Settings] , then tap [Machine Settings].

- **[APP SETTINGS] (only when paired)**

  Shows the list of settings for the Artspira settings for this machine.



[Initial trial]: Set whether or not to show the guidance for the first trial cut.

- **[Reset to Default] (only when paired)**

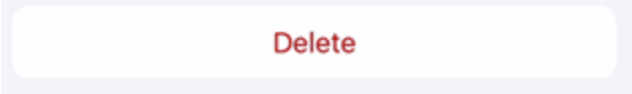
  Reset the machine settings to the factory defaults.

  All settings configured in [MACHINE SETTINGS] menu will be deleted from app and machine. Once the setting is reset, the machine will automatically shut down.



- **[Delete] (only when paired)**

  The connected machine's information will be deleted from Artspira and disconnect the app from your machine.



- **[End-user license agreement]**

  View the terms of use for the machine firmware.



App Settings Screen

To change the Artspira settings, go to Artspira Home screen, tap , and then tap [Settings] to display the settings screen.

Memo

Depending on the version of Artspira, the menu listed in this manual may differ from the actual screens.

- **[Account]**

  Shows account information, such as user information, device settings, links to external sites, and the subscription status.

- **[Unit]**

  The unit value can be changed.
- **[Notification]**

  Shows the latest news about Artspira.
- **[Support Page]**

  Opens the Brother support page.
- **[Information]**

  Shows Artspira information, including the version number.

Maintenance and Troubleshooting

Consumables
Daily Maintenance
Troubleshooting
Error Messages

Consumables

Replacement Criteria
Replacing the Blade

// Replacement Criteria

For the safe operation of this machine, replace the following consumables according to the replacement criteria. To purchase parts, contact the retailer who sold you this machine or the nearest authorized service center.

For information on optional accessories, refer to the Brother support website (https://s.brother/ccqag/).

Cutting blade

- When the cuts in the material become rough, reducing the quality of the finished product
- When the cutting edge becomes blunt
- When the blade is chipped (If the cut pressure setting value is increased and you are still having issues cutting evenly, the blade may be chipped and will need to be replaced.)

Mat

- When the mat's adhesive strength decreases
- When there are many cutting traces in the mat
- When there is a deep cut from cutting in the mat

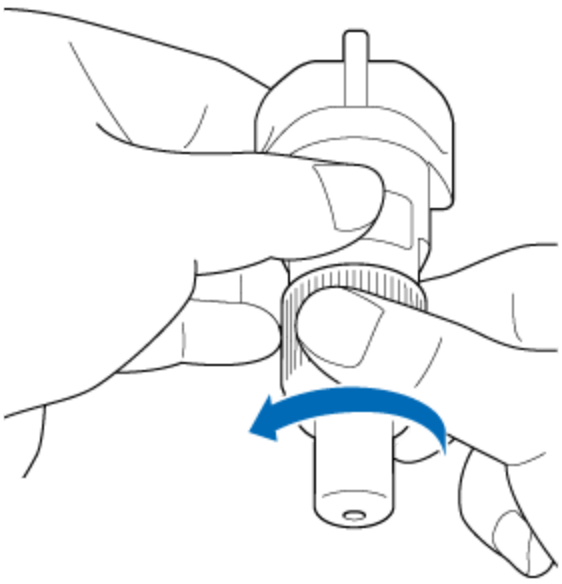
// Replacing the Blade

Removing

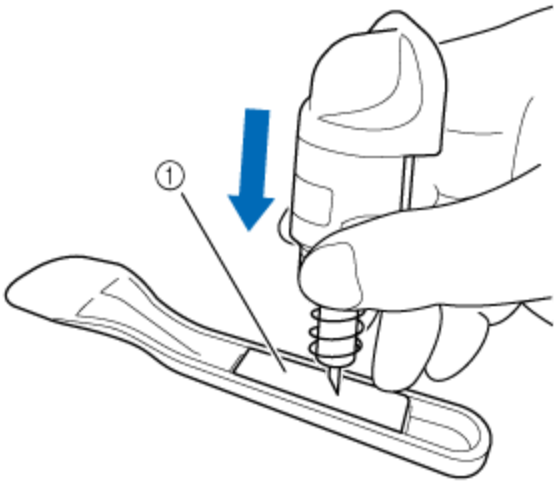
Installing

Removing

1 **Twist the holder cap to the left to remove it.**

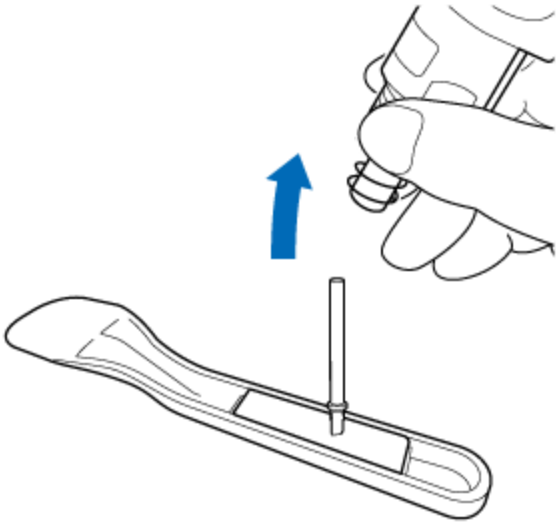


2 **Stick the blade straight into the rubber area on the back of the included spatula.**



① Rubber area

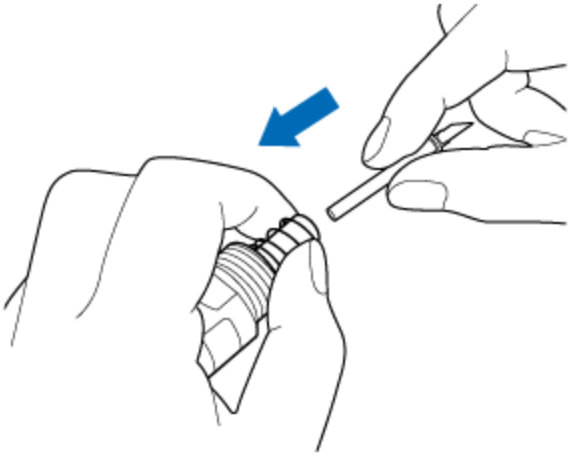
3 **Pull up the holder to leave the blade in the rubber area.**



Installing

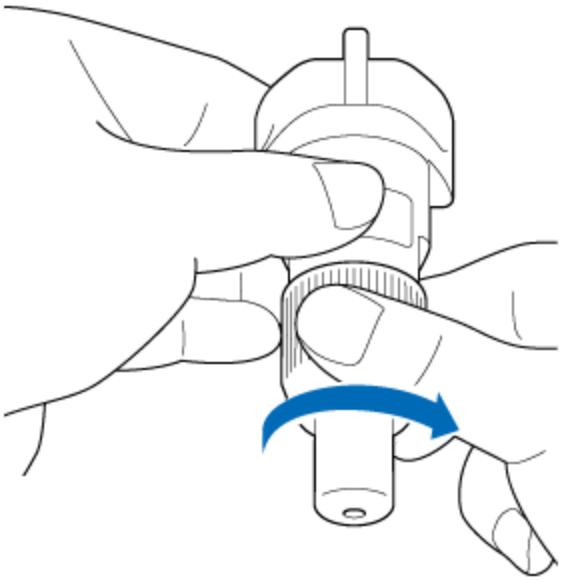
1 **Grasp the shaft of the new blade, and then insert it into the blade slot in the end of the holder.**

The blade shaft is held in place by a magnet in the holder. Slowly insert the blade shaft, and then slowly release it after the shaft snaps into place against the magnet.



2 **Twist the holder cap to the right to attach it to the holder.**

Fully tighten the cap until it can no longer be turned.



Note

- When attaching the holder cap, be careful not to bump the blade edge against the holder cap.
- Please remove protective cap from blade holder before placing it into the machine carriage.

⚠WARNING

This is not a toy and is not intended to be used by children. This presents a choking hazard. In order to prevent accidental ingestion, do not allow infants/children to put the protective cap in their mouths.

⚠CAUTION

- After removing the blade holder from the machine, be sure to attach the protective cap.
- Do not press the tip of the holder with your hands or fingers. The blade may be extended, causing injuries.
- Do not touch the tip of the blade with your hands or fingers. There is a risk of injury.
- Please remove protective cap from blade holder before placing it into the machine carriage.
- This is not a toy and is not intended to be used by children. In order to prevent injury, do not allow infants/children to touch the blade.

Daily Maintenance

Updating the Machine

Cleaning

Packing Up the Machine for Transport

When Transferring or Disposing of the Machine

// Updating the Machine

This machine is shipped with the latest version of firmware installed. To keep this machine up to date, check for the firmware updates occasionally, and update the firmware when needed.

Items to prepare

- USB flash drive
- Computer connected to the Internet

1 **In the upper-right corner of the Artspira Home screen, tap .**

2 **Tap your machine's model name.**

► A screen with information for the connected machine appears.

3 **Tap [Software Version].**

If an update is available, follow the on-screen instructions to update the machine.

Memo

- Updating via Bluetooth takes longer than updating via a USB flash drive, so we recommend updating via a USB flash drive.
- When updating via Bluetooth, tap [Update via Bluetooth] in the [Version Update] screen, and then follow the in-app instructions to update the machine. If the app and machine are not connected, updates cannot be performed via Bluetooth.
- The guides and information listed under “Manuals” on Brother support website (https://s.brother/cmqag/) may also be updated as well. Check this website after updating the firmware of this machine.

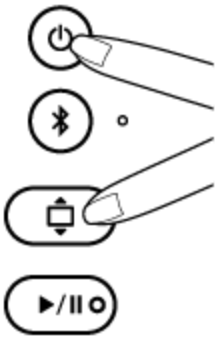
4 **Go to the Brother support website (https://s.brother/cuqag/), and then save the latest update file to a USB flash drive.**

Note

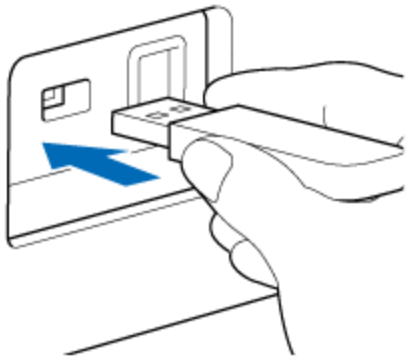
Use an empty USB flash drive and do not store any data other than the update file on the USB flash drive. If there are other files on the flash drive, the machine may malfunction or stop operating correctly.

5 **Turn on the machine and hold down (Feed Button) and (Power Button) at the same time for five seconds to switch to update mode.**

▶ When ready, the machine beeps three times, and the LED on (Start/Stop Button) changes from green to orange.



6 **Insert the USB flash drive (containing the update file) into the USB port on the back of the machine.**



Note

This machine is incompatible with a USB hub. Insert a USB flash drive directly into the USB port.

7 **Press ▶/II ○ (Start/Stop Button).**

▶ When the update begins, the LED on the Start/Stop button flashes green, red, and orange, in that order.

Note

- Do not turn off the machine while it is being updated.
- Do not remove the USB flash drive while the machine is being updated.
- If the update does not start, make sure that the correct update file is in the USB flash drive and that no other files are included.

8 **The machine will beep once and the LED on the Start/Stop button lights up in orange and starts overwriting the file.**

▶ When the update is finished, the machine beeps and automatically restarts.

Memo

If the update fails, refer to the following link for the solutions.

Error Messages

// Cleaning

Cleaning the Holder

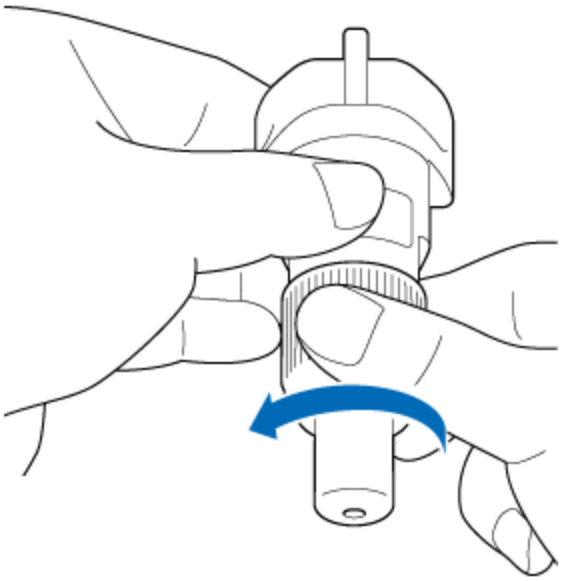
Cleaning the Machine

Cleaning the Mat

Cleaning the Holder

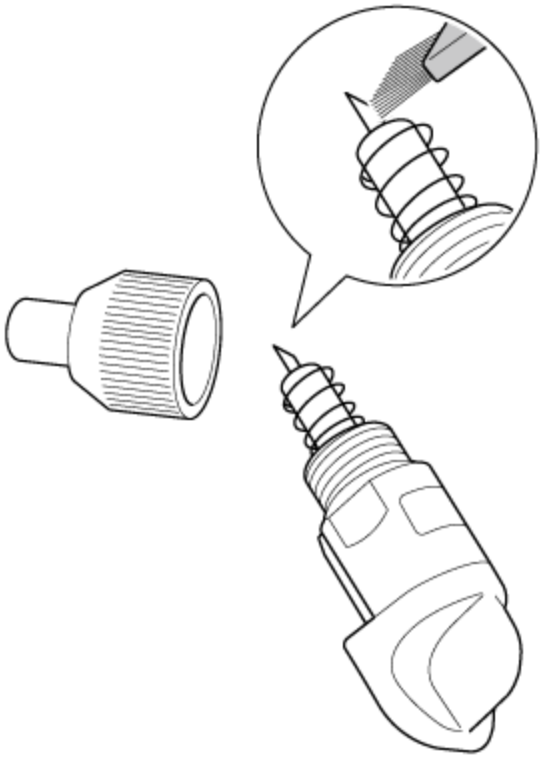
If material cuttings, scraps or dust accumulate in the holder, it may not operate correctly. Clean the holder after every use.

1 **Twist the holder cap to the left to remove it.**



2 **Using a commercially available brush, clean off cuttings, scraps and dust.**

Specifically, clean the surface of the blade and the cutting scraps or shavings in the spaces. If scraps and dust accumulate between the blade and holder, the blade may no longer rotate or the cutting quality may become poor. In addition, clean out any scraps and dust that has accumulated in the cap.



Note

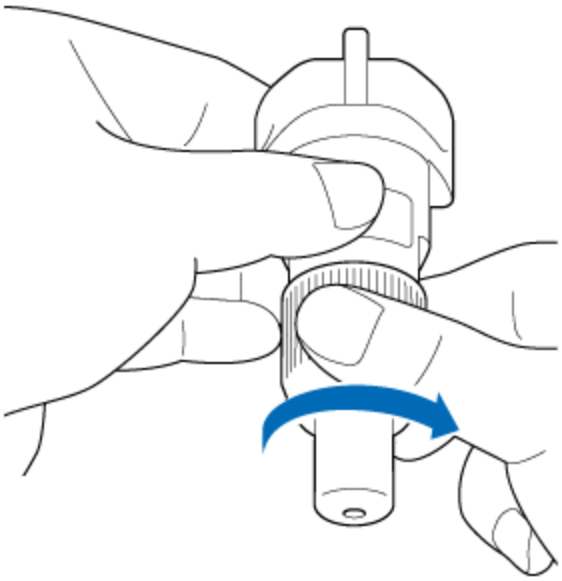
Clean so as to avoid bumping the blade edge against anything hard, such as metal.

⚠CAUTION

Do not touch the tip of the blade with your hands or fingers. There is a risk of injury.

3 **Twist the holder cap to the right to attach it to the holder.**

Fully tighten the cap until it can no longer be turned.

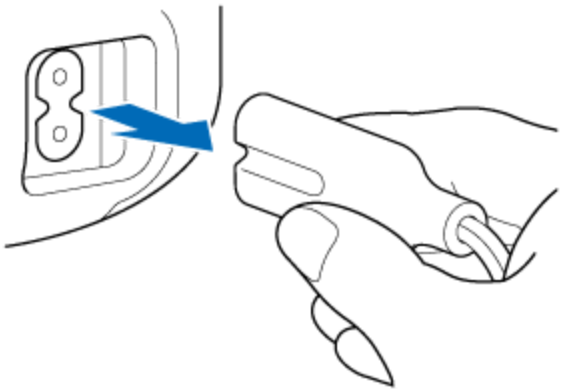


Cleaning the Machine

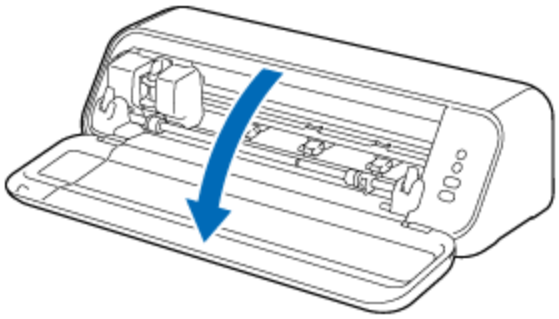
Material cuttings, scraps, or dust remaining around the feed slot, carriage, or feed rollers may interfere with some functions, including loading and unloading of material or cutting mat. We recommend cleaning your machine periodically.

1 **Turn off the machine.**

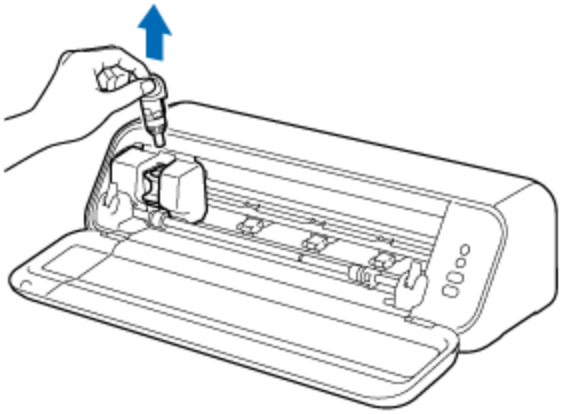
2 **Unplug the power cord from the electrical outlet and from the back of the machine.**



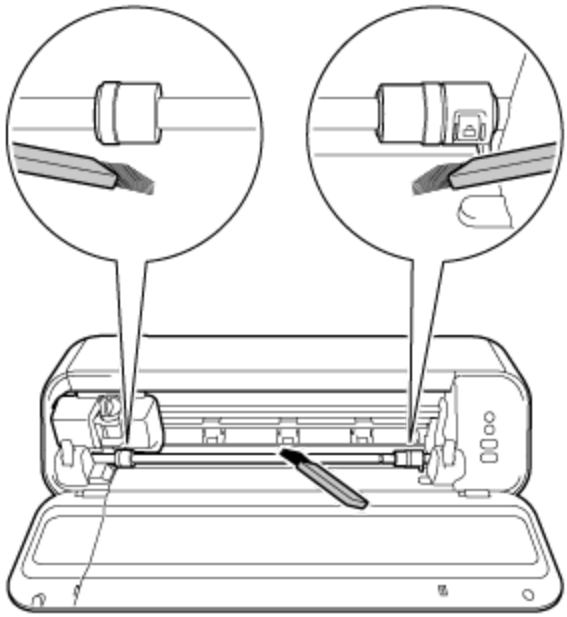
3 **Open the front cover.**



4 **Remove the holder from the carriage.**



5 **Use a commercially available brush to clean around the feed slot and the carriage.**



6 **Unlock both of left and right shaft release levers, and then clean the feed rollers by wiping them with a soft, dry cloth.**

If the feed rollers on the shaft (back) are also dirty, set the mode change lever to the ▲ position, and then wipe them with a dry soft cloth.

Note

When cleaning, do not use a cloth moistened with water or alcohol. Using a liquid may damage the Feed Rollers.

Cleaning the Mat

Cuttings and cut edges of patterns attached to the mat may reduce the mat's adhesive strength and prevent correct operation. Periodically clean the mat.

- Using the included spatula, lightly scrape off any cuttings attached to the mat. Strongly rubbing the adhesive side of the mat may damage it.
- Use tweezers (available either as optional accessories or commercially) to remove any scraps attached to the mat.
- Clean the dotted marks on the mat and their surrounding area with a dry cloth.

Note

- Do not use alcohol or water to clean the mat.
- When the mat is not being used, clean it, and then store it with the protective sheet affixed. If the protective sheet is not affixed, the mat's adhesive strength will decrease. At that time, do not affix the protective sheet while the mat is damp. Otherwise, the mat's adhesive strength will decrease.
- Do not fold or bend the mat to store it.
- Store the mat at room temperature and in a location not exposed to high temperatures, high humidity or direct sunlight.

// Packing Up the Machine for Transport

- When transporting the machine, use the original packaging.
- Do not tilt the machine or turn it upside down. If the machine is not packaged properly, any damage sustained during transport may void the warranty.
- Ship the machine with adequate insurance.

// When Transferring or Disposing of the Machine

When transferring or disposing of the machine, erase all saved information, including settings, and reset the machine to its condition at the time of purchase.

To reset the machine using Artspira:

1 **In the upper-right corner of the Artspira Home screen, tap .**

2 **Tap the machine's model name you want to reset.**

▶ A screen with the connected machine's information appears.

3 **Tap [Reset to Default].**

▶ Reset begins. Do not turn off the machine during this process.

Troubleshooting

If you suspect an issue with the machine, first check each of the items below to identify the issue, and then follow the troubleshooting tips. You can resolve most issues yourself. For further information, check the Q&A on the Brother support website (https://s.brother/cfqag/).

First, confirm the following:

- The machine's power cord is properly connected, and the machine is turned on.
- All protective material and packing tape have been removed from the machine.
- Your wireless network access point, router, or hub is turned on, and its link indicator is flashing.
- The Bluetooth function on your mobile device is turned on.

If the issue persists after checking each item, refer to the following topics.

Network and Connectivity Issues

Jammed Material or Mat

Material Not Cutting Cleanly

Other Issues

// Network and Connectivity Issues

Communication Error Occurred

Issues with Artspira

Communication Error Occurred

If a communication error has occurred, check for the following:

- Make sure that the machine has been turned on.
- Make sure that your mobile device is connected to the Internet.
- Make sure that Bluetooth on your mobile device has been turned on.
- Make sure that there are no microwave ovens or other devices that emit radio waves near the machine and your mobile device.
- If the machine and mobile device are far apart, move them as close together as possible.

If the issue persists after checking each item, follow these steps below to unpair, then pair your devices again:

1. **In the upper-right corner of the Artspira Home screen, tap .**

   ▶ The [Machine Settings] screen appears.

2. **Tap the model name of the machine you want to unpair.**
3. **Tap [Delete].**
4. **Open the Bluetooth settings screen on your mobile device, and unregister the machine to be unpaired.**
5. **On your mobile device, switch the Bluetooth setting off, then on again.**
6. **Turn the machine off, then on again.**
7. **Pair your mobile device with the machine again.**

   Pairing the Machine with a Mobile Device

Issues with Artspira

[Bluetooth model] does not appear in the cutting machine category in the Artspira Machine Settings screen.
Make sure that you are using the latest version of the Artspira app.
Your machine does not appear in the Artspira Machine Settings screen.
Make sure that the machine has been turned on. Setting Up the Machine
Make sure that your mobile device is connected to the Internet.
Make sure that Bluetooth on your mobile device has been turned on.
Make sure that there are no microwave ovens or other devices that emit radio waves near the machine and your mobile device.
If the machine and mobile device are far apart, move them as close together as possible.

	Restart the app or mobile device.
Data is not transferred.	
	Make sure that the machine is on. Setting Up the Machine
	Make sure that this machine has been selected in the Artspira's Preview screen. If a cutting machine other than this machine is selected, select this machine instead.

// Jammed Material or Mat

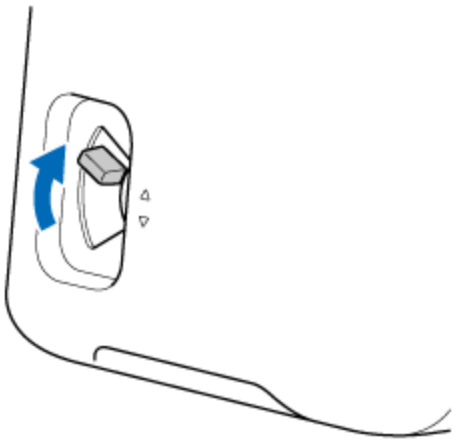
IMPORTANT

Forcibly removing the material or mat may cause the machine to malfunction or the blade to break.

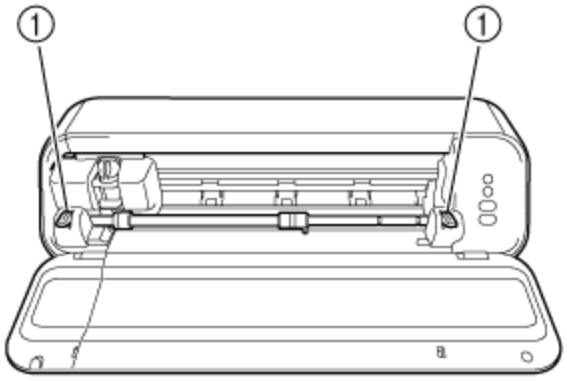
If the material or mat becomes jammed during an operation, follow the steps below to clear the jam:

1 **Press ▶/II ○ (Start/Stop Button) to stop the operation.**

2 **Set the mode change lever (on the left side of the machine) to the ▲ position.**



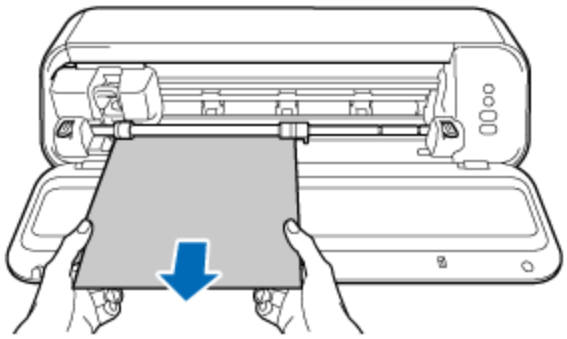
3 **Unlock both of the left and right shaft release levers.**



① Shaft Release Lever

4 **Turn off the machine, unplug the power cord, and remove the holder.**

5 **Slowly pull out the material or mat by hand.**



Jams are caused by various reasons, including those listed below.
Check each to try to identify the problem, and when the jam is cleared, you can resume working on your project.

The material or mat has been fed askew.
Make sure that the feed roller is correctly positioned for the size of the material or mat. Adjusting the Feed Roller Position
Make sure that the roller lock button is in the locked position. Adjusting the Feed Roller Position
Make sure that the shaft release levers are set to the locked position. Adjusting the Feed Roller Position
If a mat is not used, make sure that the mode change lever is set to the ▼ position.

Make sure that the end of the mat is not curled. If it is curled, replace the mat with a new one.
Make sure that the leading edge of the material is not curled. If it is 12" (305 mm) width curled material, install the Feed Supporter, and then feed the material. For other size, use the mat to feed the material. If Your Material Has a Curled Leading Edge
The mat's adhesive strength has decreased, and the material does not stick to it.
If material cuttings, scraps, or dust remain attached to the mat, clean it. Cleaning the Mat
Replace the mat with a new one.
The material extends from the adhesive area of the mat and not properly secured.
Re-attach the material so that it fits within the attaching area (grid) on the adhesive side of the mat. Attaching Material to the Mat
Material cuttings, scraps, or dust remain around the feed slot.
Clean around the feed slot. Cleaning the Machine
Material attaches to the feed rollers.
Material with a non-slip surface may attach to the feed rollers during feeding, causing the material to feed incorrectly. Use a mat for this material. Cutting or Drawing Using a Cutting Mat
Material remains inside the machine and cannot fed (with Simple Matless Cutting)
If the material cannot be fed with  (Feed Button) and remains inside the machine, the material may be shorter than the length that can be feed. Unlock both shaft release lever and raise the mode change lever, then remove the material. Use material that is compatible with Simple Matless Cutting or use the cutting mat. Simple Matless Cutting Cutting or Drawing Using a Cutting Mat Machine Specifications

// Material Not Cutting Cleanly

Material not cutting cleanly is caused by various reasons, including those listed below.
Check each to try to identify the problem, and when the problem is cleared, you can resume working on your project.

The material catches on the tip of the blade.
If scraps and dust have accumulated in the holder, clean it out. Cleaning the Holder
The blade may be worn. Replace the blade with a new one. Replacing the Blade
The material being cut is incompatible with this machine. Use compatible material. Simple Matless Cutting Cutting or Drawing Using a Cutting Mat
Some areas remain uncut.
If scraps and dust have accumulated in the holder, clean it out. Cleaning the Holder
The cutting pressure may be too light for the material. Increase the cutting pressure settings. From [Preview] screen, tap [Settings] > [Machine Settings] > [Cut Settings], and then adjust the setting.
If the cutting pressure setting is significantly increased but there are still cutting issues, the blade may be chipped. Replace the blade with a new one. Replacing the Blade
The material being cut is incompatible with this machine. Use compatible material. Simple Matless Cutting Cutting or Drawing Using a Cutting Mat
The material or tape reinforcing does not fit within the grid on the adhesive side of the mat. Re-attach the material so that it fits within the adhesive area of the mat. Cutting or Drawing Using a Cutting Mat
The spacing between arranged patterns is too small. Rearrange the patterns to separate them or use an auto layout function.

Half cuts cannot be made.
The half cut setting is switched off. Select [Half Cut] in the [Settings] screen.
If the backing is being cut, the cutting pressure may be too strong. Decrease the cutting pressure setting. From [Preview] screen, tap [Settings] > [Machine Settings] > [Cut Settings], and then adjust the setting.
Perforation cuts cannot be made (with Simple Matless Cutting).
The cutting machine may not be able to make perforation cuts in paper with coarse fibers. Change the material and try one of the following: • Use material with fine fibers and a smooth surface. • Use only half cuts. • Cut using a cutting mat. Simple Matless Cutting
The cutting machine may not be able to make perforation cuts in some thick materials. Make sure that the material is compatible with this machine. Simple Matless Cutting
The material may be too hard or have too many layers for perforation cuts. Increase the cutting pressure settings. From [Preview] screen, tap [Settings] > [Machine Settings] > [Cut Settings], and then adjust the setting. If the problem persists after increasing the cutting pressure, use the cutting mat.
The pattern gets crushed when using perforation cuts (with Simple Matless Cutting).
The cutting pressure may be too strong. Decrease the cutting pressure setting. From [Preview] screen, tap [Settings] > [Machine Settings] > [Cut Settings], and then adjust the setting.
There are deep cuts completely through the mat.
The cutting pressure may be too strong. Decrease the cutting pressure setting. From [Preview] screen, tap [Settings] > [Machine Settings] > [Cut Settings], and then adjust the setting.

Memo

After changing the cutting pressure setting, perform a test cut to make sure that the cut and the settings work for your material.

Test Cutting

// Other Issues

If the machine stops operating correctly, check the following issues as well as the Brother support website (https://s.brother/cfqag/) before requesting service.
If the issue persists, contact the retailer where this machine was purchased or a Brother authorized service center.

Power Supply Issues

Machine Issues

Feeding Issues

Drawing Issues

Positioning Issues

Power Supply Issues

The machine cannot be turned on.
Make sure that the power cord is correctly plugged in. If the machine cannot be turned on even if the power cord is correctly plugged in, unplug the cord and leave it for about 10 sec. and plug it again. Setting Up the Machine

Machine Issues

The LED on the Bluetooth button does not flash when the machine is turned on.
Power may have been lost while the machine was being updated. The Bluetooth LED will not light until the update is complete. When power is restored, the machine will automatically restart the update and you must wait until it is complete. Updating the Machine
The machine stopped mid-operation.
The material or mat has not been loaded correctly. Load the material or mat as instructed.

Loading Your Material

Cutting or Drawing Using a Cutting Mat

Some material may remain inside the machine. Remove the material, and then try again.

The thickness of the material being cut is incompatible with this machine. Use compatible material.

Simple Matless Cutting

Cutting or Drawing Using a Cutting Mat

If the machine overheats from overuse, it will shut down. Turn off the machine and leave it alone for 30 minutes before turning it on again. If the error message in Artspira appears when cutting or drawing again, the machine is not cool down enough and needs additional time. Turn off the machine and let it cool completely.

Cutting or drawing does not start.

The mode change lever (on the left side of the machine) is in the incorrect position. Before starting the operation, set the lever to the position appropriate for the material and operation being used.

Loading Your Material

Cutting or Drawing Using a Cutting Mat

(With Simple Matless Cutting) The material may be too hard. Use different material.

(With Simple Matless Cutting) The Feed Supporter is still installed. Remove the Feed Supporter, and then press  (Start/Stop Button).

If Your Material Has a Curled Leading Edge

Feeding Issues

The material or mat cannot be fed.

Make sure that the material or mat is inserted with its leading edge under both the left and right feed rollers.

Loading Your Material

Cutting or Drawing Using a Cutting Mat

 (Feed Button) was not pressed.

Loading Your Material

Cutting or Drawing Using a Cutting Mat

The feed roller may not be correctly positioned. Check the position of the feed roller, and adjust it if necessary. Adjusting the Feed Roller Position
The shaft may be unlocked. Set the shaft release lever to the locked position. Adjusting the Feed Roller Position
The end of the material is curled and fed in askew. When using Simple Matless Cutting on material with a width of 12" (305 mm), remove any curl, and install the Feed Supporter onto the machine to feed the material. If Your Material Has a Curled Leading Edge
The material or mat cannot be detected.
The dotted marks on the mat are dirty. Clean the dotted marks and their surrounding areas. Cleaning
The dotted marks on the mat are hidden by material or tape attached to the mat. Attach the material or tape so that it fits within the adhesive area of the mat. Attaching Material to the Mat
The mat was inserted with the wrong side. Insert the mat so that the side with the material attached is facing up. Cutting or Drawing Using a Cutting Mat
The mat was inserted in the wrong orientation. Insert the mat in the correct orientation. Cutting or Drawing Using a Cutting Mat
The mat is incompatible with this machine. Use a compatible mat.
[Mat] was switched on when creating data, but material was fed without a mat. Select the correct setting with [Settings] menu in the [Preview] screen, and then feed again.
The material or mat is not fed in straight.
The material or mat was inserted into the feed slot askew. Press the Feed button to eject the material or mat, and then re-insert it correctly. Loading Your Material Cutting or Drawing Using a Cutting Mat
The edge of the mat may be curled or otherwise deformed. Replace the mat with a new one.

The feed roller may not be correctly positioned. Check the position of the feed roller, and adjust it if necessary.

Adjusting the Feed Roller Position

The leading edge of the material may be curled. If you are not using a mat, remove any curl from the material before feeding it. If the curl cannot be removed, install the Feed Supporter onto the machine to feed the material. If the size of the material you are using is other than 12" (305 mm) width, use a mat.

If Your Material Has a Curled Leading Edge

Cutting or Drawing Using a Cutting Mat

The material or mat cannot be ejected.

The material or mat may not have been inserted correctly before being fed and may have become jammed. Set the mode change lever to the ▲ position, unlock the shaft release levers, turn off the machine, unplug the power cord, remove the holder, and then slowly pull out the material or mat by hand.

Cutting or Drawing Using a Cutting Mat

Jammed Material or Mat

When the mat is inserted, the attached material peels off.

The mat is not level due to the weight of the material. Hold the mat level as you insert it.

The mat's adhesive is losing strength. Replace the mat with a new one.

Material remains inside the machine and cannot fed (with Simple Matless Cutting)

If the material cannot be fed with  (Feed Button) and remains inside the machine, the material may be shorter than the length that can be feed. Unlock both shaft release lever and raise the mode change lever, then remove the material.

Use material that is compatible with Simple Matless Cutting or use the cutting mat.

Simple Matless Cutting

Cutting or Drawing Using a Cutting Mat

Machine Specifications

Drawing Issues

The drawn line is thicker or thinner than intended.

The drawing speed or pressure may not be appropriate. From [Preview] screen, tap [Settings] > [Machine Settings] > [Draw Settings], and then adjust the setting. After making adjustments, test draw on a corner of the material.

Positioning Issues

The cutting position is misaligned.
The registration marks may not have been printed correctly. Print the registration marks again if they are smeared, incomplete, or printed with any color other than black. Overview of Alignment Cutting Function
The registration marks may not have been printed in the correct positions. If printing was not done in actual size, change the print settings, and then print again. If the print position is misaligned, refer to the manual for the printer, and adjust the print position before printing. Overview of Alignment Cutting Function
Glossy materials may interfere with the machine's ability to detect the registration marks. Use different material. Overview of Alignment Cutting Function
Exposing the machine to strong, direct light may interfere with the machine's ability to detect the registration marks. Place the machine in a location where it is not exposed to direct light, and turn off other light sources.
The cutting position may not be adjusted. Perform [Calibration] in Artspira to adjust. (With Simple Matless Cutting) If the cutting position remains misaligned, even after adjusting it, use a mat for cutting. Adjust the Cutting Position Cutting or Drawing Using a Cutting Mat
There may be an object around the slot of the machine that is causing an obstruction during cutting. Make sure the slot is always clear so that your material or mat have enough space. Before Use
The machine may be installed on a surface that is not level. Place the machine on a flat, level surface. Before Use

If the material is not firmly attached or becomes creased during cutting, the cutting position may become misaligned. Use a mat when cutting. Cutting or Drawing Using a Cutting Mat
The registration marks cannot be detected.
The material is not oriented correctly. Feed it in the correct orientation. Cutting with the Alignment Cutting Function
The leading edge of the material or mat may be curled. If the material or mat is curled or creased, the registration marks may not be detected properly. Change the material or replace the mat with a new one.
The size specified in Artspira may not match the size specified in the print settings or the size of the loaded material. Check the print settings on the printer, and then print again. If the material size does not match, check the size setting in Artspira.
The Artspira setting may not match the loaded material or mat. With Simple Matless Cutting, switch off [Mat] in the [Select Mat Size] screen, before editing, and then transfer the data. When using a cutting mat, switch on [Mat], and then transfer the data again.
The printing of the registration marks may be misaligned. When printing from the printer's manual feed tray, the paper may not be fed straight. Try printing from a different tray, or check the printer settings. For details on using the printer, refer to its manual.
An unexpected error may have occurred. Eject the material, and then turn the machine off, then on again. To cut the same data, use the [History] screen to transfer the data to the machine again. If the operation repeatedly fails, contact the retailer where this machine was purchased or a Brother authorized service center. Other Functions
The material becomes dirty during or after cutting.
The feed rollers or the rollers on the shaft (back) may be dirty. Wipe off any dirt with a dry soft cloth, and then try again. Cleaning

Error Messages

This section contains some of the messages that may appear on Artspira's screen and their solutions.

To clear error messages, follow the instructions in the message or the solution described here. If the issue persists, contact the retailer where this machine was purchased or a Brother authorized service center. For the latest information, refer to the Brother support website (https://s.brother/cfqag/).

You can also find instructions for resolving some errors here: https://s.brother/cqqka/

(MCT0001) Update failed. Please restart the machine.

An incorrect file was used to update the machine's firmware, causing a failure to write the file. Turn the machine off, then on again, prepare the correct file, and then try updating again.

Updating the Machine

(MCT0002) Update failed. Please restart the machine.

Writing failed while updating the machine's firmware. Restart the machine, and then try updating again using a USB flash drive. If the operation repeatedly fails, contact the retailer where this machine was purchased or a Brother authorized service center.

Updating the Machine

(MCT0003) Insert the mat.
A material other than the compatible mat has been inserted or the mat option setting is incorrect.

An incompatible mat was inserted, or material was fed without a mat, but the [Mat] option in the [Select Mat Size] screen is switched on. Press  (Feed Button) to eject the material or mat, and then use a compatible mat, or when using Simple Matless Cutting, switch off [Use Mat] in the [Settings] screen.

(MCT0009) Replace with a 12x24 inch mat.

Data larger than 12" × 12" (305 mm × 305 mm) was transferred to the machine. Replace the mat with the 12" × 24" (305 mm × 610 mm) mat.

(MCT0010) Failed to initialize the blade position.
(MCT0011) Failed to initialize the carriage.

Turn the machine off, then on again. To cut the same data again, transfer it from the History screen.

Browsing and Sent History Function

(MCT0015) Failed to detect the registration marks.

Press  (Feed Button) to eject the material or mat. Check the following, and then load the material or mat again:

- Make sure that the registration marks have been printed correctly.
- Make sure that the material was aligned on the left when inserted.

- (With Simple Matless Cutting) Make sure that the direction of the arrow printed on the material, indicating the feeding direction, matches the actual feeding direction for material inserted into the machine.
- (When using a cutting mat) Make sure that the material is attached in the upper-left corner within the adhesive area of the cutting mat.
- Make sure that the paper size setting when creating the data, the paper size setting when printing, and the actual material size match.
- Make sure that the loaded material is not different from the one that was printed on.

Overview of Alignment Cutting Function

(MCT0017) The mat is inserted.

[Mat] in the [Select Mat Size] screen is switched off, but a mat was fed. When using a cutting mat, switch on the [Mat] setting before editing, or change the [Use Mat] setting in the [Settings] menu from the [Preview] screen.

(MCT0020) The material is not inserted correctly.

Press  (Feed Button) to eject the material. Check the following, and then load the material or mat again:

- Make sure that the material or mat is not fed askew.
- Make sure that material or mat is not loose during feeding.
- Make sure that the material or mat has not been unintentionally fed out.
- If some material remains inside the machine, remove it, and then load the material or mat again.

(MCT0026) The cut position is outside the supported range.

This error may occur if the pattern is near the edge of the editing area and the material is not fed straight or if the print position is misaligned.
Remove the material, and then reinsert it so that it is aligned.
If the error persists, use the [Auto Layout] function to align the pattern, then set the material correctly in the printer, and try to print again.
For details, refer to the Brother support website (https://s.brother/cqqai/).

Loading Your Material

(MCT0027) Raise the Mode Change Lever on the left side of the machine.

The mode change lever is set to the ▼ position. In the following cases, set the lever to the ▲ position, and then press  (Start/Stop Button).

- Drawing
- Cutting using a mat

(MCT0028) Lower the Mode Change Lever on the left side of the machine.

The mode change lever is set to the ▲ position. When using Simple Matless Cutting, set the lever to the ▼ position, and then press ▶/II (Start/Stop Button).

(MCT0029) The material may be jammed or deformed.

Set the mode change lever (on the left side of the machine) to the ▲ position and unlock both of the shaft release levers.
Turn the machine off and remove the holder.
Slowly pull out the material or mat by hand.

To cut previously transferred data again, transfer it from the History screen.

Jammed Material or Mat

Browsing and Sent History Function

(MCT0030) The material is too thick, or the feed supporter is still attached.

If the material is too thick, use different material.

If the Feed Supporter is still attached, remove it, press ▶/II (Start/Stop Button), and then try cutting again.

Simple Matless Cutting

If Your Material Has a Curled Leading Edge

(MCT0034) Update file not found.

Writing failed while updating the machine's firmware. Make sure that only the latest update file is saved on the USB flash drive, turn the machine off, then on again, and then try updating again.

Updating the Machine

(MCT0036) The internal temperature of the machine has increased.

If the machine overheats from overuse, it will shut down. Turn off the machine and leave it alone for 30 minutes before turning it on again. If the error message in Artspira appears when cutting or drawing again, the machine is not cool down enough and needs additional time. Turn off the machine and let it cool completely.

Appendix

Optional Accessories

For information on the latest optional accessories compatible with this machine, refer to the Brother support website (https://s.brother/ccqag/).

Machine Specifications

Item	Specification
Machine dimensions	541 mm (W) × 190 mm (D) × 143 mm (H) (Approx. 21 5/16" (W) × 7 1/2" (D) × 5 5/8" (H))
Machine weight	Approx. 5.2 kg (Approx. 11.5 lb)
Interfaces	Bluetooth LE • Profiles: GATT
Compatible mobile device apps	Brother Artspira Check the App Store or Google Play Store for the app compatible with your mobile device.
Guaranteed material feed minimum range	Without mat: 210 mm × 80 mm (Approx. 8.27" × 3.1") With mat: 305 mm × 305 mm (12" × 12") size cutting mat