



# Operation Manual

EOC05



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# Important Safety Instructions

Please take it seriously when using this machine and never treat it as a toy. When using the machine, pay close attention to the following:

## DANGER

1. Never operate the machine with the vents blocked.
2. Do not use the machine outdoors.
3. Do not operate the machine where aerosol (spray) products are being used or where oxygen is being administered.
4. To unplug the machine, please switch the machine to the symbol "0" position to turn it off.
5. Please grasp the plug to pull it out of the electrical outlet. Do not pull on the cord.
6. Keep fingers away from all moving parts, especially around the machine needle.
7. Do not use bent or damaged needles.
8. Do not pull or push the fabric when embroidering, which may cause the needle to deflect and break.
9. This embroidery machine is not suitable for young children or the infirm to use without supervision.

Please follow these safety tips to ensure the normal operation of the machine and ensure safety during use.

## WARNING

### Instructions for safe operation:

1. Pay attention to the needle during embroidery, and avoid pulling the thread directly, touching the hand wheel, needle or other moving parts.
2. Please switch the machine to the symbol "0" to turn it off and unplug the machine from the outlet under the following circumstances:
  - Operation completed
  - Replacing or disassembling embroidery needles or any other parts
  - Power failure occurs during use



# Important Safety Instructions

- Perform machine maintenance
- Machine left unattended

3. Plug the machine directly into the electrical outlet, do not use an extension cord.
4. Do not place or store the machine near any extreme environment (high temperature, low temperature, high humidity or dust area), heater or other thermal appliances, so as not to cause machine failure.
5. The plastic bag that this machine was supplied in should be kept out of the reach of children or disposed of. Never allow children to play with the bag due to the danger of suffocation.
6. Do not place the embroidery machine on an unstable or inclined table, otherwise the machine may fall, resulting in injuries.

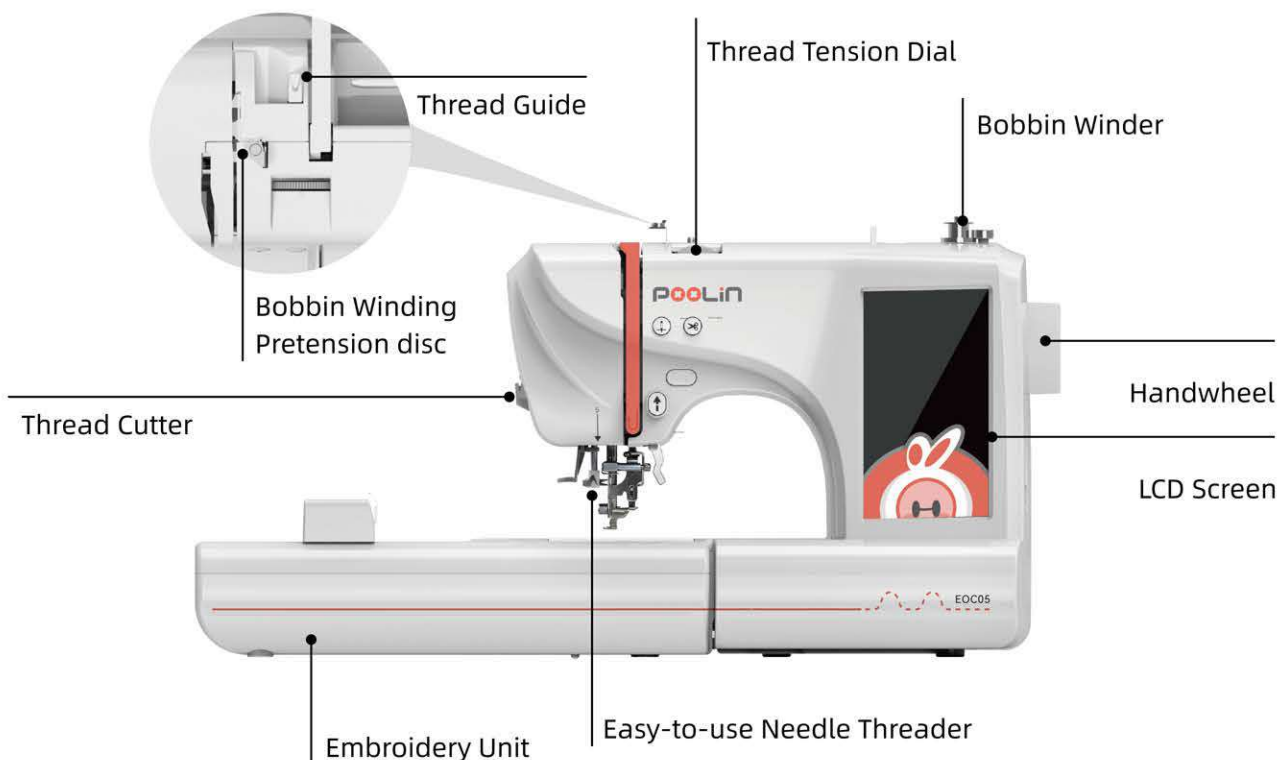
## **For a longer service life:**

1. When storing the machine, please avoid direct sunlight and high humidity locations. Never use or store this machine near heaters, irons, halogen lamps, or other hot objects.
2. Only use neutral soap or detergents to clean the machine shell. Benzene, thinner or sourcing powder can damage the machine, and should never be used.
3. Do not let the machine drop or be impacted.
4. Always consult the operation manual when replacing or installing any assemblies, needle, or other parts to assure correct installation.
5. Only the interface cable (USB cable) included with the machine can be used, and it cannot be replaced by other types of cables.

## **Repair or adjustment:**

In the event of a malfunction occurs or requires adjustments, first follow the troubleshooting table on the back of the operation manual to inspect and adjust the machine yourself. If the problem persists, please consult our after-sales personnel. They provide professional help and support. Never attempt to repair the machine yourself as this could cause more serious damage.

# Names of Machine Parts

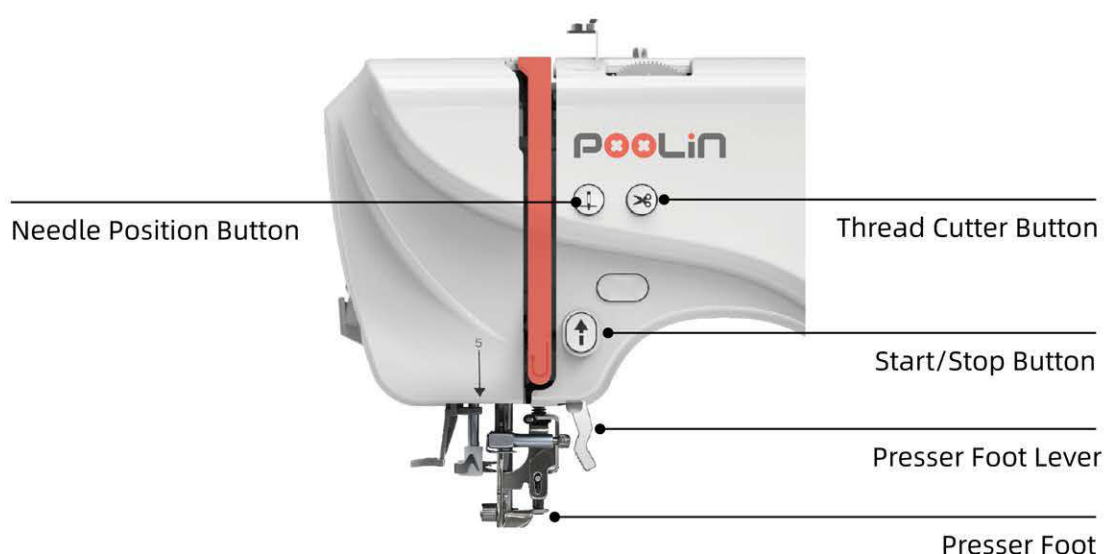


## Description of Functions

Contents	Description
LCD Screen	For display and operation.
Handwheel	Turn the handwheel to raise and lower the needle.
Bobbin Winder	Place an empty bobbin when winding bobbin thread.
Thread Tension Dial	Adjust upper thread tension, the larger the value, the greater the tension.
Thread Guide	Upper thread guide hook.
Bobbin Winding Pretension disc	Control the tension when winding the bobbin thread.
Thread Cutter	For cutting upper thread.

# Names of Machine Parts

Contents	Description
Embroidery Unit	After connecting, it is used to attach the embroidery frame and control the movement of the embroidery frame.
Easy-to-use Needle Threader	Quickly thread the upper thread through the eye of the needle.



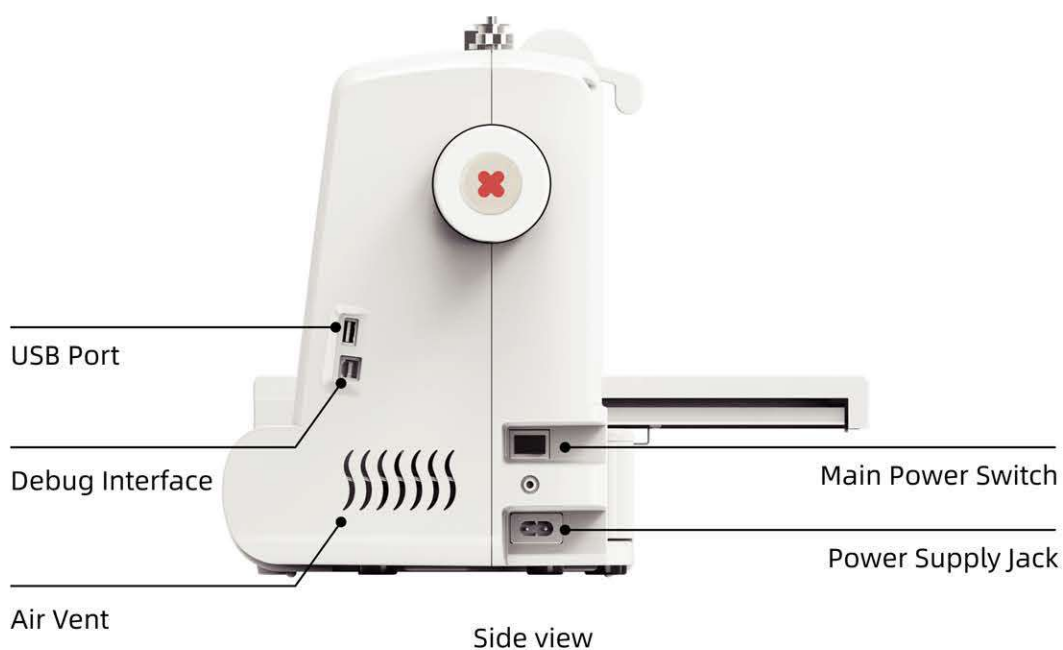
Enlarged close-up of the appearance of the fuselage


Contents	Description
Presser Foot	For fixing fabric.
Presser Foot Lever	For raising/lowering the presser foot.
Start/Stop Button	<p><b>Machine Start and Stop:</b></p> <p>After pressing the button, the machine will embroider a few stitches at a slower speed, and then automatically switch to the speed set by the embroidery speed controller for embroidery. Press the button again and the machine will stop.</p> <p>The color of this button will change according to the operating mode of the machine to provide a more visual indication.</p>



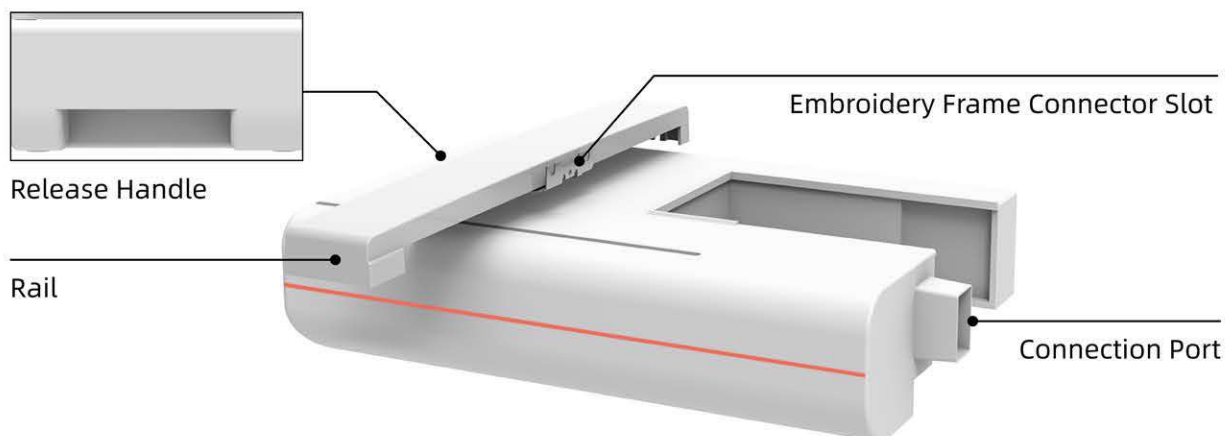
# Names of Machine Parts

Contents	Description
Thread Cutter Button	Press the button to cut the thread.
Needle Position Button	Press this button to raise or lower the needle position.



Contents	Description
USB Port	Connect USB for pattern transfer and system upgrade.
Main Power Switch	Turn on/off the machine.
Power Supply Jack	Connect the machine power cord.
Air Vent	For machine cooling.
Debug Interface	For debugging the machine.  users don't need to operate.

# Embroidery Unit



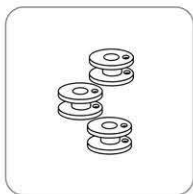
## Features

Contents	Description
Release Handle	When detaching the embroidery unit, press and hold the release handle, and then pull it outward.
Rail	Control the movement of the embroidery frame.
Embroidery Frame Connector Slot	Connect and fix the embroidery frame.
Connection Port	Connect the embroidery unit to the machine.

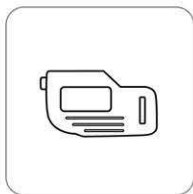
### Tips:

Before connecting the embroidery unit, be sure to turn off the power of the machine, otherwise the machine may be damaged.

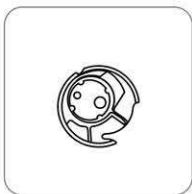
# Accessories



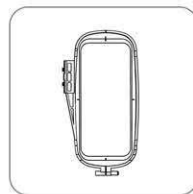
Bobbin



Bobbin cover



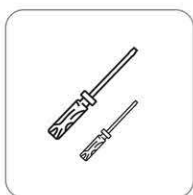
Shuttle race cover



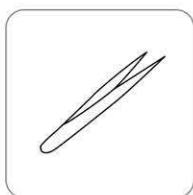
Hoop  
100mm\*235mm



Hoop  
100mm\*100mm



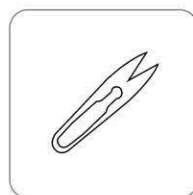
Screwdriver



Tweezers



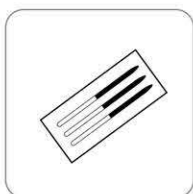
Stylus



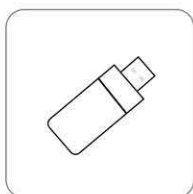
Scissors



Seam ripper



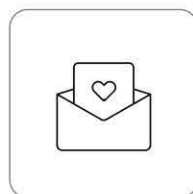
Needles



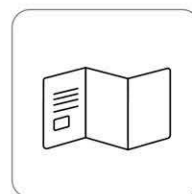
USB



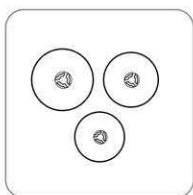
User manual



An envelope



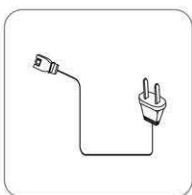
Quick guide



Spool cap



Wrench



Power cable

## Tips:

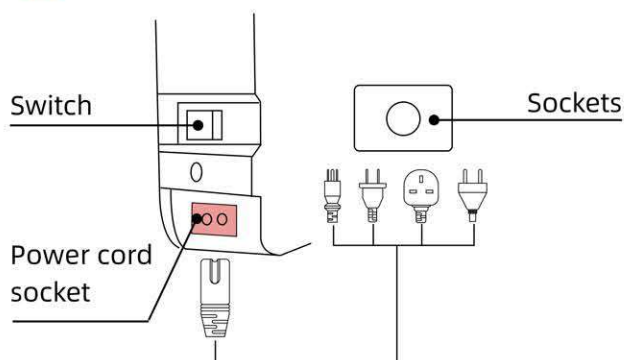
All specifications are correct at the time of printing. The part codes are subject to change without notice.

# Turn On/Off the Machine

## DANGER

1. Use only regular household electricity for the power source. Using other power sources may result in fire, electric shock or damage to the machine:
  - Make sure the plugs on the power cord are firmly inserted into the electrical outlet and the power supply jack on the machine.
  - Do not insert the plug into an electrical outlet that is in poor condition.
2. Use only the power cord included with machine.
3. Do not use extension cords or multi-plug adapters with many other appliances plugged into them.
4. Do not touch the plug with wet hands, electric shock may result.
5. When unplugging the machine, be sure to turn off the main power first.
6. Pulling on the power cord may damage the cord, or lead to fire or electric shock.
7. Do not cut, damage, modify, forcibly bend, pull, twist or bundle the power cord.
8. Do not place heavy objects on the power cord.
9. Do not place the power cord under high temperature.

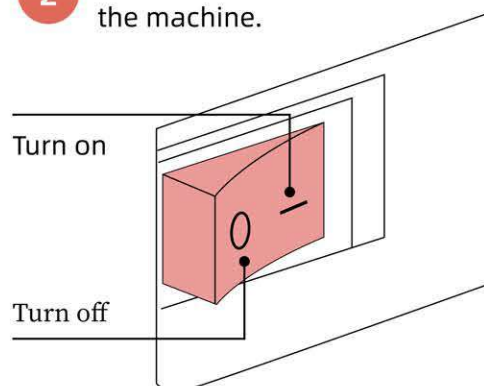
### 1 Connect the power cord.



#### Tips:

Please make sure the machine is off while replacing the needle.

### 2 Set the switch to "I" to turn on the machine.



#### Tips:

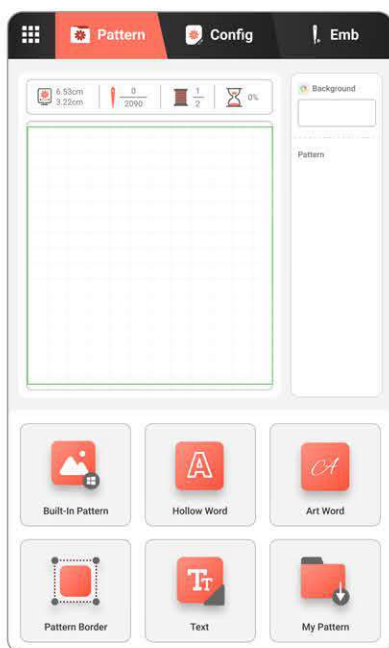
Set the switch to "I" to turn on the machine.  
Set the switch to "0" to turn off the machine.



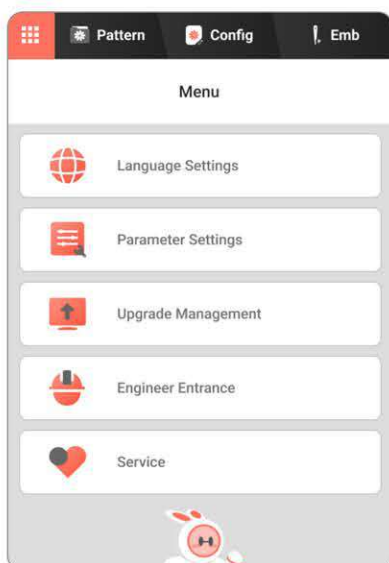
# Language Settings

The factory default machine language is English, if you want to change another language, please follow the steps below to modify the language setting, and then operate the machine.

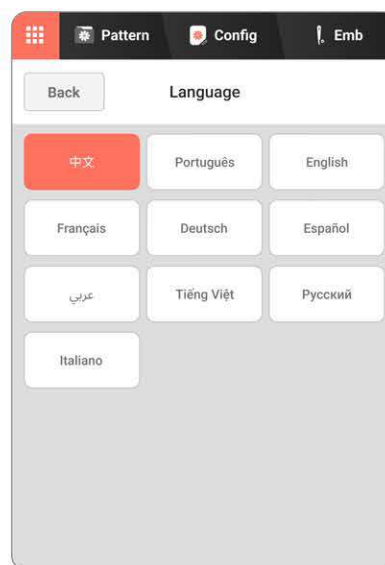
1 Press 



2 Press  Language Settings



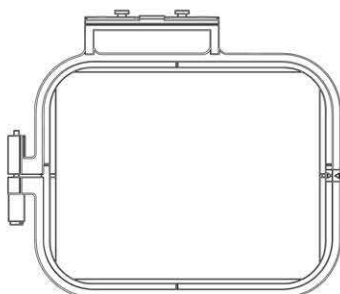
3 Select a language.



4 Press  back to main menu



# Embroidery Frames Introduction



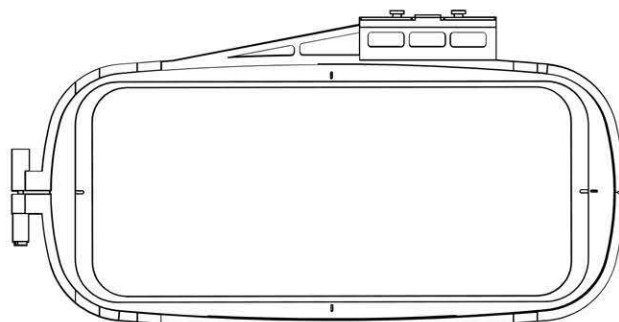
**Small Frame**

Embroidery Area:

100 X 100 (mm)  
3.9 X 3.9 (inches)

Use:

For embroidery patterns below 100mm×100mm.



**Large Frame**

Embroidery Area:

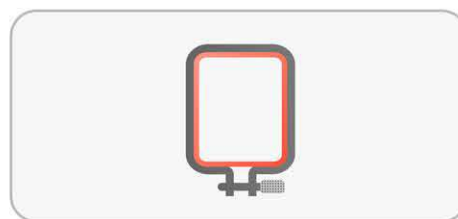
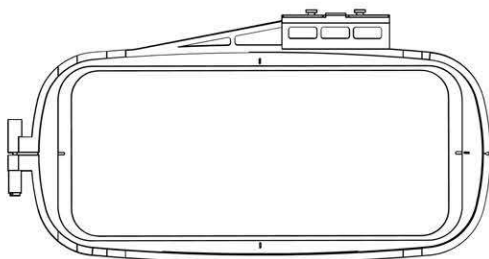
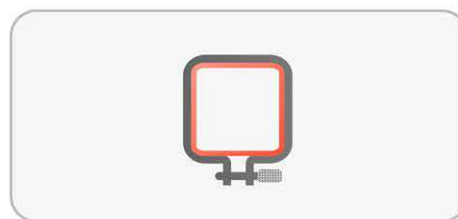
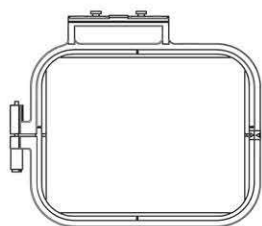
100 X 235 (mm)  
3.9 X 9.2 (inches)

Use:

For combined patterns or large patterns.

**! Tips:**

Embroidery frame needs to be chosen according to the size of patterns, embroidery area should be larger than pattern.

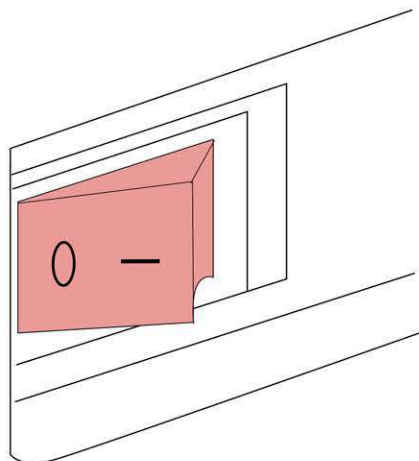


**Note:**The attached embroidery frame must match the corresponding embroidery frame displayed on the screen, otherwise the frame collision may occur, resulting in damage to the machine.

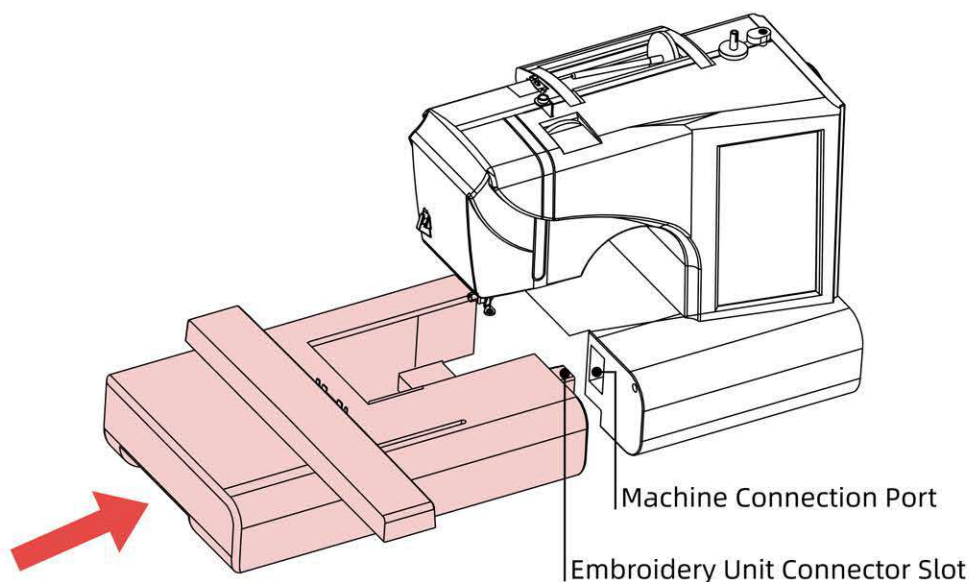
# Attach the Embroidery Unit

## Attach the Embroidery Unit

1. Turn off the machine.



2. Gently slide the embroidery unit onto the machine arm until it clicks and stops.



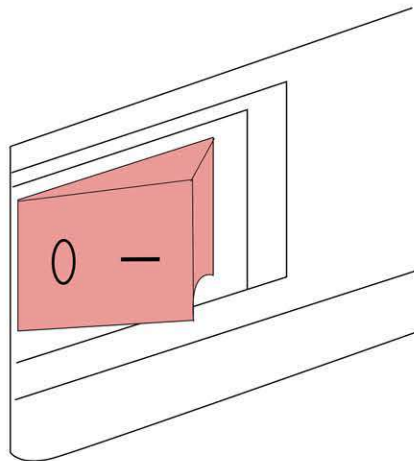
### Tips:

Please make sure the machine is off before attaching the embroidery unit, otherwise the machine will be damaged.

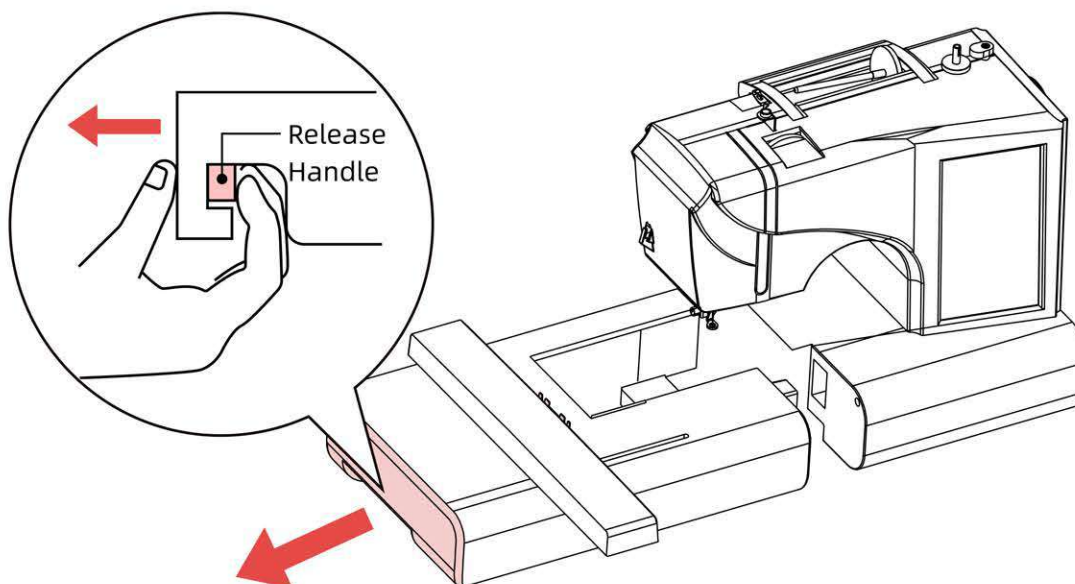
# Remove the Embroidery Unit

## Remove the Embroidery Unit

1. Turn off the machine.



2. Hold the release button on the bottom of the embroidery unit, and pull the embroidery unit horizontally until it is completely detached from the machine.



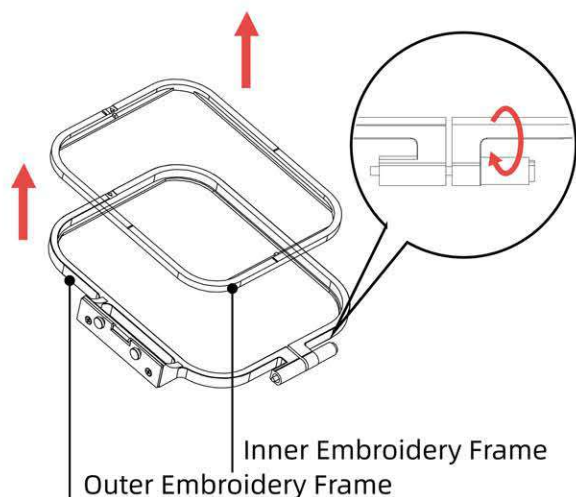
### Tips:

Please make sure the machine is off before removing the embroidery unit, otherwise the machine will be damaged.

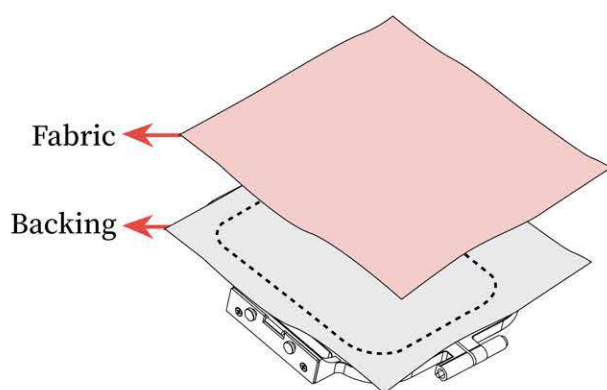


# Attach the Frame and Fabric

- 1 Loosen the embroidery frame adjustment screw and remove the inner frame.



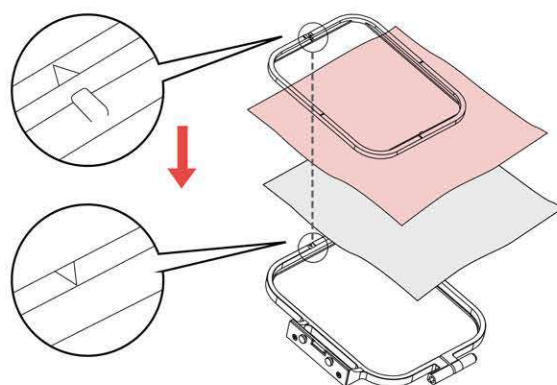
- 2 Place the stabilizer on top of the outer embroidery frame, and lay the fabric face up on top of the stabilizer.



## ! Tips:

The stabilizer and fabric should be larger than the area of the embroidery frame to ensure the fabric can be fixed on the frame and avoid misalignment of embroidery.

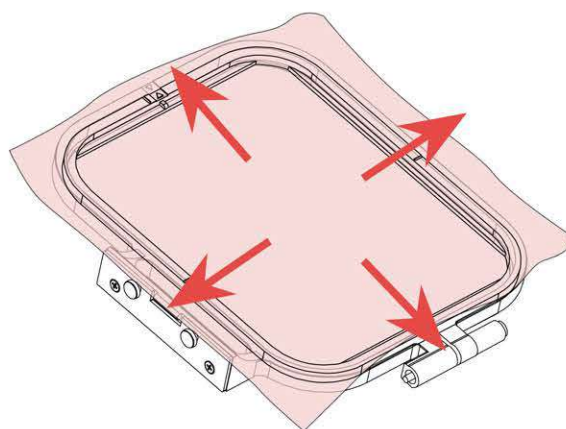
- 3 Press the inner frame in from the top of the fabric and make sure the inner frame is aligned with the outer frame.



## ! Tips:

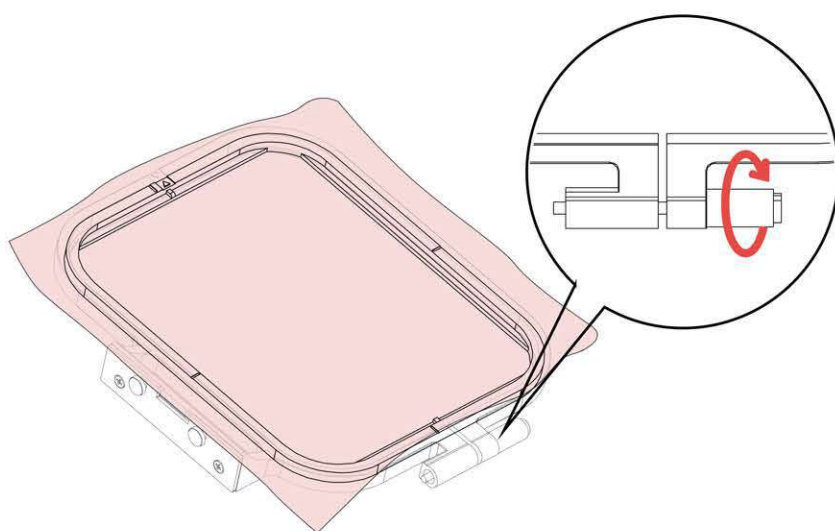
Line up  $\triangle$  on the inner frame and  $\nabla$  on outer.

- 4 Gently stretch the edges and corners of the fabric to remove the wrinkle.

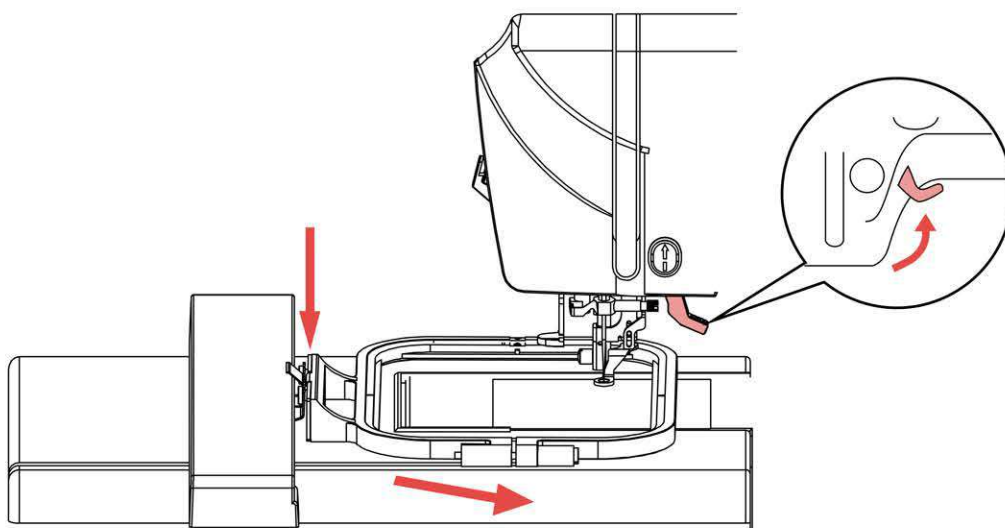


# Attach the Frame and Fabric

- 5 Tighten the frame adjustment screw to remove the slack in the fabric.



- 6 Raise the presser foot lever, attach the frame on the rail, press the frame down to insert the frame guide into the embroidery carriage frame holder from the top.

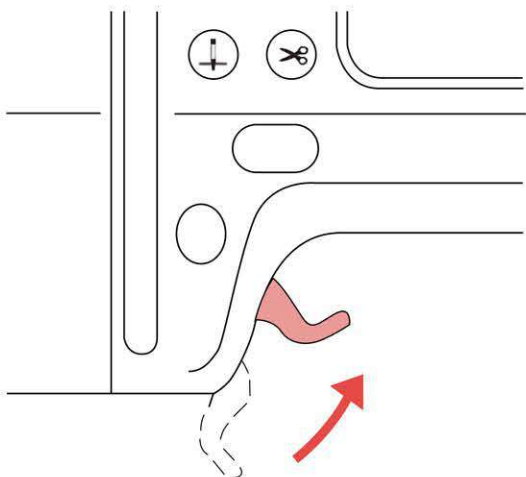


## Tips:

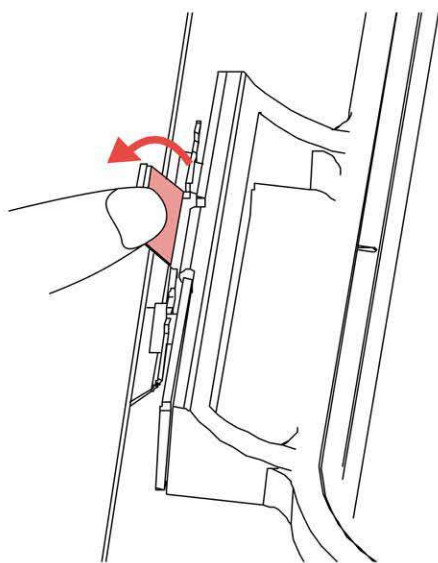
If the height of the presser foot is not enough to attach the frame, you can continue to raise the presser foot lever to make it higher, so as to ensure the smooth installation of the embroidery frame.

# Remove the Embroidery Frame

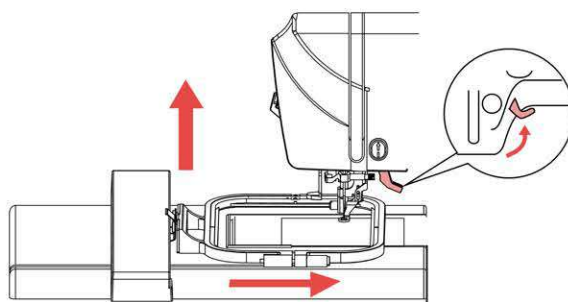
- 1 Raise the presser foot lever.



- 2 Press the part of the embroidery frame holder to the left side as shown in the figure below.

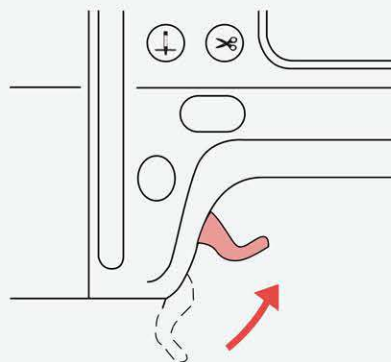


- 3 Raise the embroidery frame, make it separate from the embroidery frame holder and remove the frame.



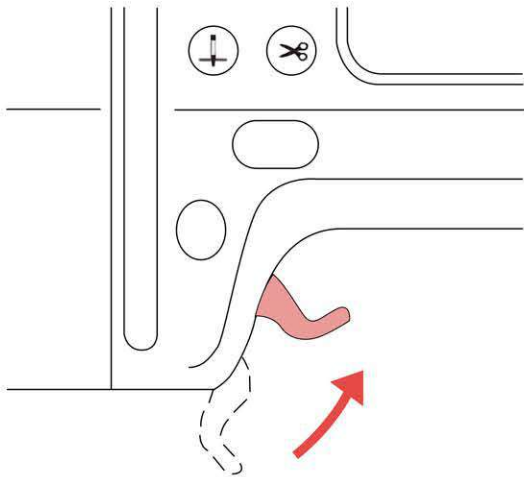
## ⚠ Tips:

If the height of the presser foot is not enough to remove the frame, you can continue to raise the presser foot lever to make it higher, so as to ensure the smooth remove of the embroidery frame.



# Upper Threading

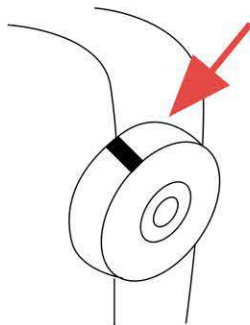
- 1 Raise the presser foot lever.



**! Tips:**

Raising the presser foot lever is to ensure that the upper thread can pass through the pressure piece correctly, so that the tension of the upper thread can be adjusted to avoid thread jam, thread breakage and false alarm.

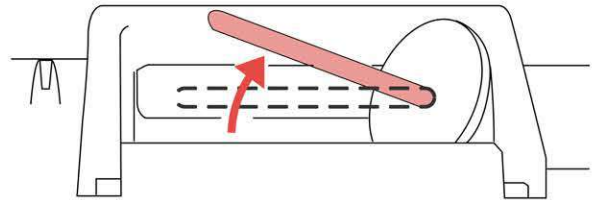
- 2 Turn the handwheel to raise the needle to the highest needle position.



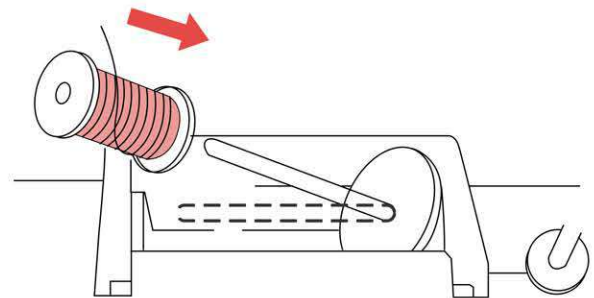
**! Tips:**

If you use the easy-to-use threader to thread the needle without raising the needle position, the thread may not be threaded correctly.

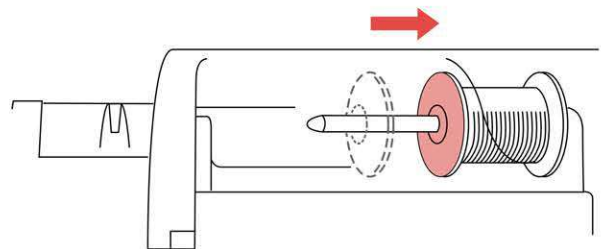
- 3 Lift up the spool pin.



- 4 Place the spool of thread on the spool pin to make the thread spread out from the top of the thread spool.



- 5 Slide the spool cap onto the spool pin.



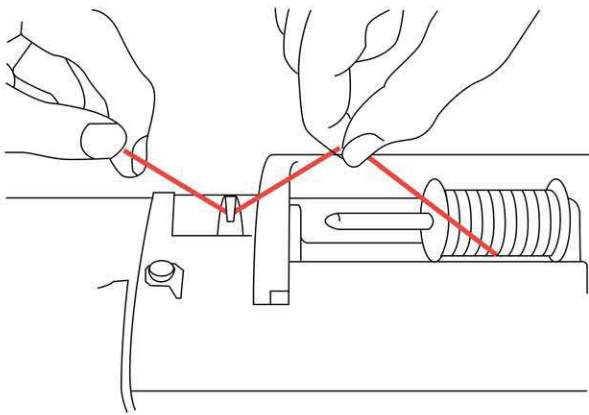
**! Tips:**

Use the spool cap that is the closest size to the thread spool (large, medium, small). If you use a spool cap that is smaller than the thread spool, the thread may get caught in the slit at the end of the spool, resulting in thread and needle breakage.

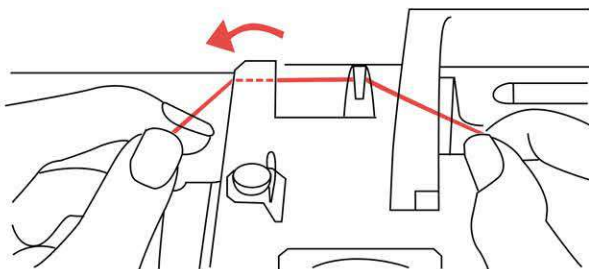


# Upper Threading

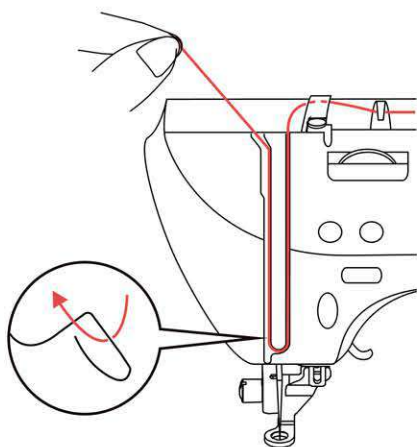
- 6** Pull the thread with two hands from the spool and pass the thread under the hook of the thread guide.



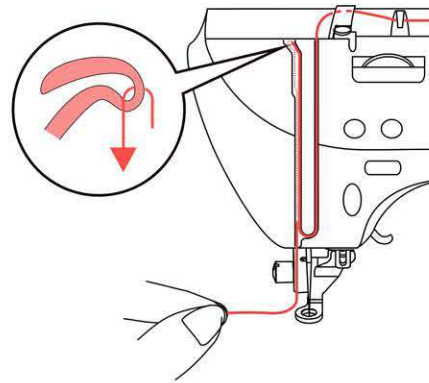
- 7** Pass the thread through the thread guide cover.



- 8** Lead the thread down, up through the spring.



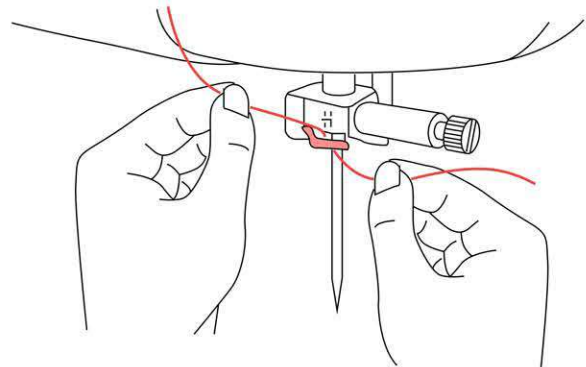
- 9** Pass the thread through the thread take-up lever.



## ! Tips:

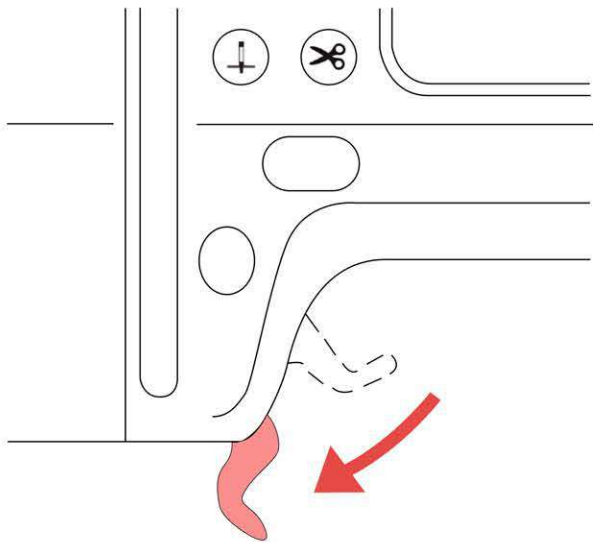
When threading, please make sure to pass through the thread take-up lever, otherwise it will cause thread jam and thread breakage.

- 10** Hold the thread with two hands and pass the thread through the needle bar thread guide.

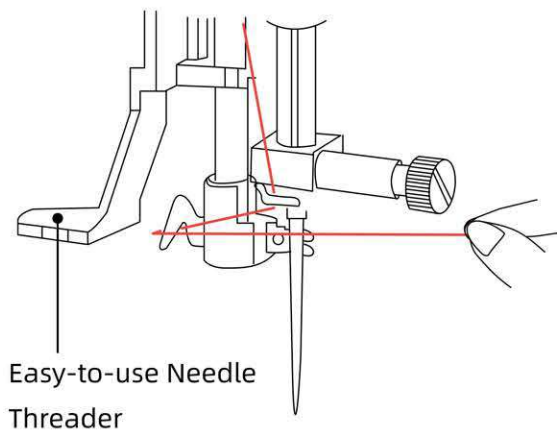


# Upper Threading

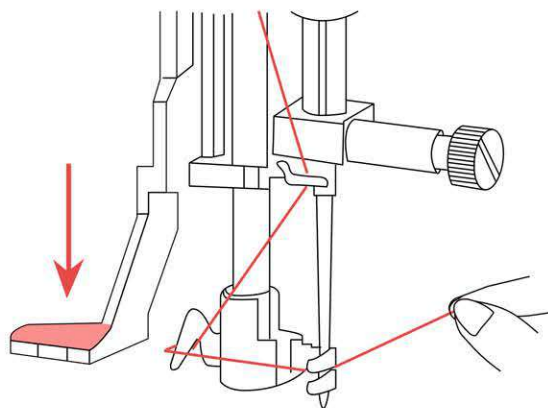
- 11** Lower the presser foot lever.



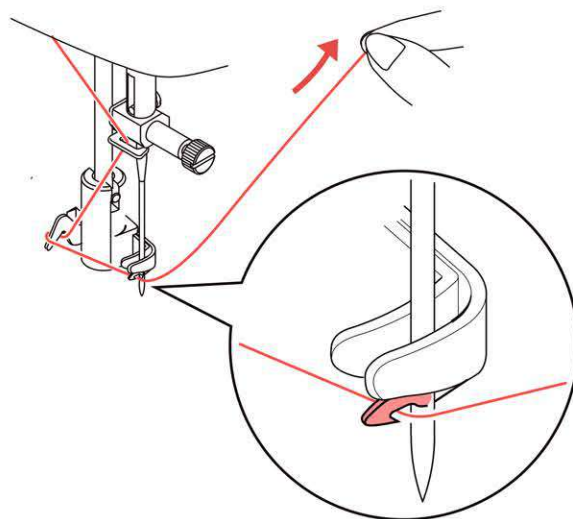
- 12** Pass the thread through the thread guide disk as shown in the figure.



- 13** Lower the needle threader lever as much as possible.



- After the hook of the needle threader passes through the eye of the needle, hang the thread into the hook and lift the thread upwards.
- 14**

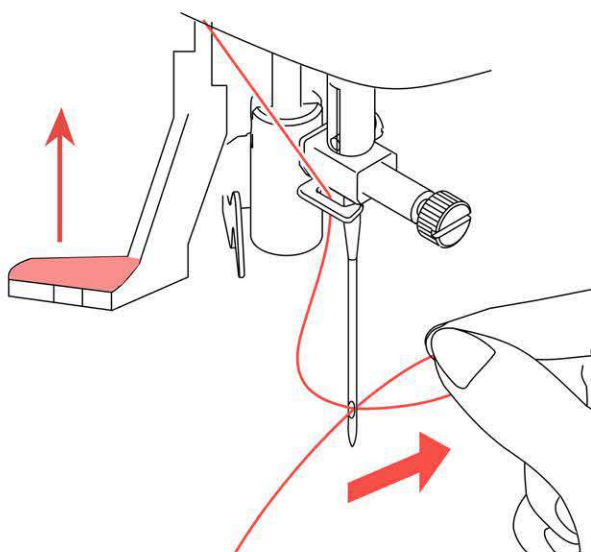


# Upper Threading

22

15

While releasing the needle threader lever, the thread passes through the eye of the needle, and a thread loop is formed on the back of the eye of the needle, pull the loop of the thread through the eye of the needle by hand.

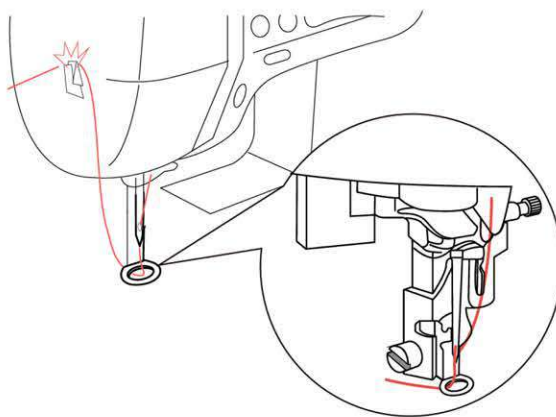


## ⚠ Tips:

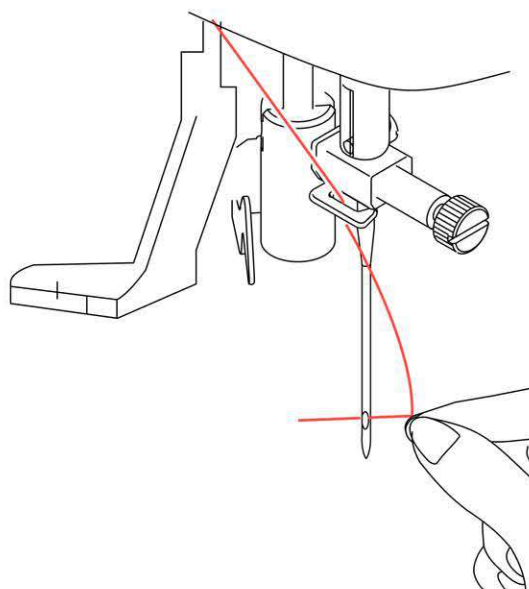
Please be careful not to prick your fingers when pulling the thread out of the eye of the needle.

16

Pass the thread through the presser foot hole, and cut the thread with the cutter on the side of the machine.



**Note:** When the needle threader cannot be used, manually pass the thread through the eye of the needle from front to back.

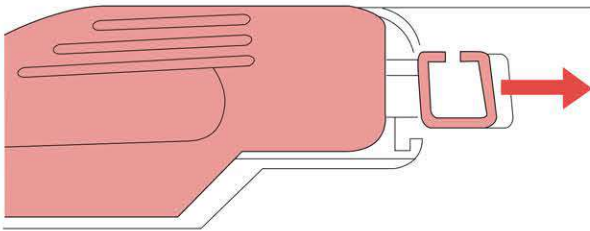


## ⚠ Tips:

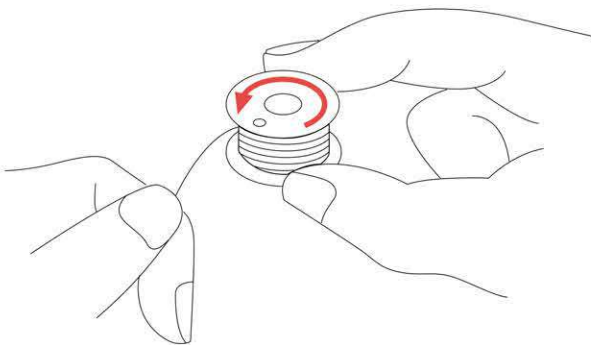
After the thread passes through the eye of the needle, you need to ensure that the length of the thread end is about 80mm.

# Install the Bobbin

- 1 Slide the bobbin cover latch to the right, and remove the bobbin cover.



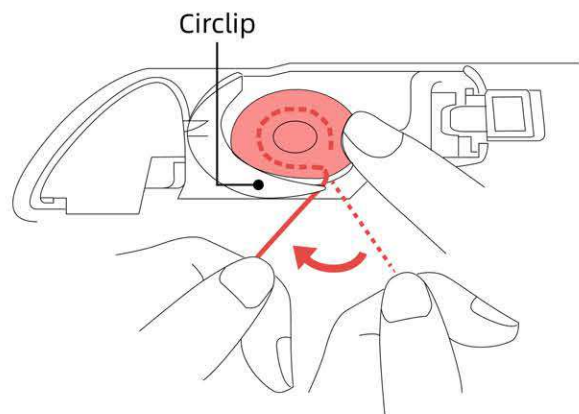
- 2 Hold the bobbin with your right hand, pull the end of the thread with your left hand, keep the direction of the thread counterclockwise, and insert the bobbin.



## ⚠ Tips:

Please make sure that the thread direction is correct when installing the bobbin, otherwise it may lead to thread breaking or incorrect tension of the thread.

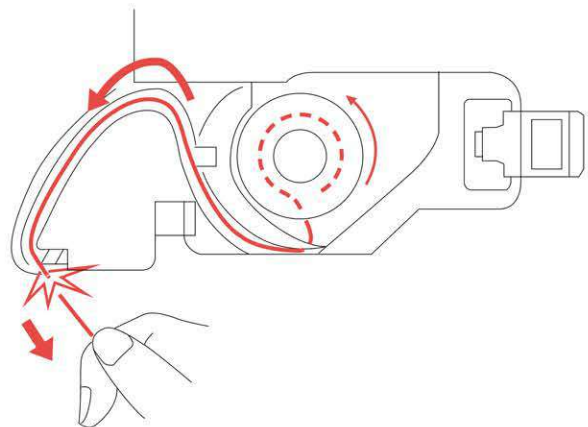
- 3 Lightly hold down the bobbin with your right hand, and pass the thread through the spring of the bobbin case with your left hand.



## ⚠ Tips:

Please make sure that the bobbin thread passes through the spring of the bobbin case correctly, otherwise the thread may break or the thread tension will be incorrect.

- 4 Pass the thread through the slot as shown in the figure, then pull the thread out towards the front, and finally cut the thread with the thread cutter.

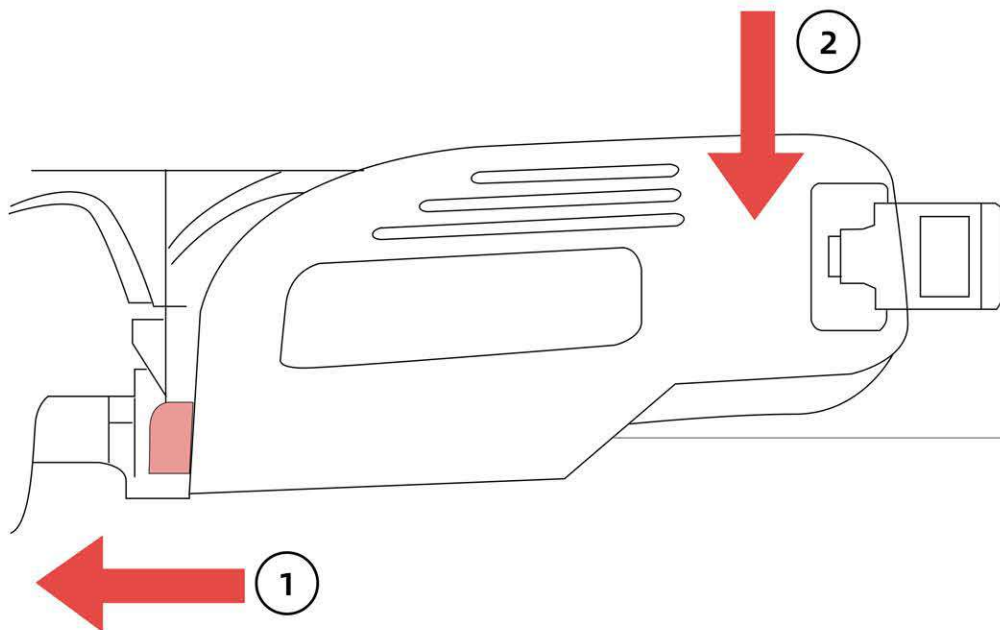




## Install the Bobbin

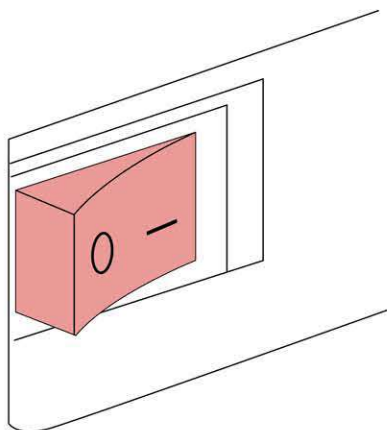
5

Insert the raised part of the bobbin cover into the slot on the left, and lightly press the cover on the right side to reattach the bobbin cover.

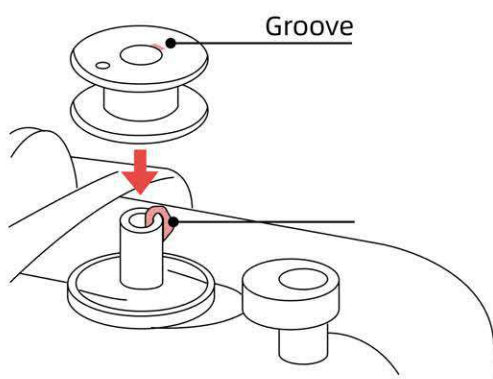


# Wind the Bobbin Thread

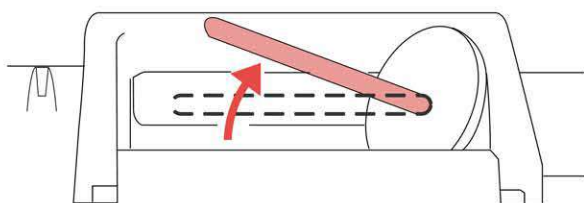
- 1 Turn on the machine.



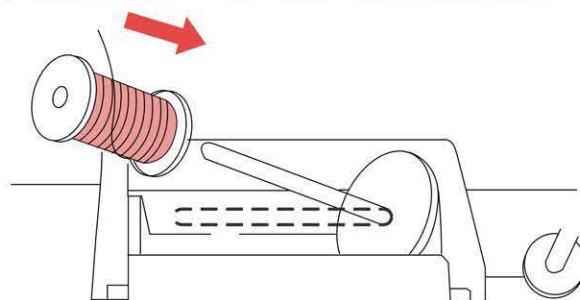
- 2 Place the bobbin on the bobbin winder shaft so that the spring on the shaft fits into the notch in the bobbin. Press down on the bobbin until it snaps into place.



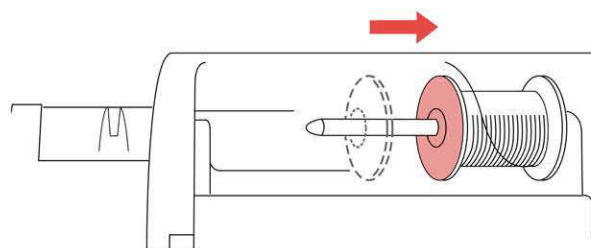
- 3 Lift up the spool pin.



- 4 Place the spool of thread for bobbin onto the spool pin, make the thread unwind to the front.



- 5 Install the spool cap to the spool pin.



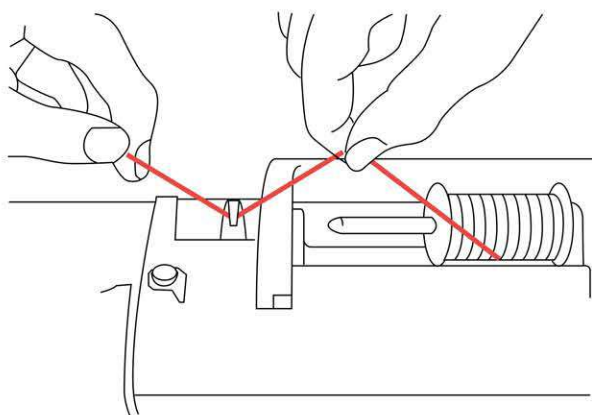
## ! Tips:

Three spool cap sizes are available (large, medium, small) allowing you to choose a spool cap that best fits the size of the spool being used. If the spool cap is too small for the spool being used, the thread may get caught on the slit in the spool, causing the thread breaking and needle breaking.

# Wind the Bobbin Thread

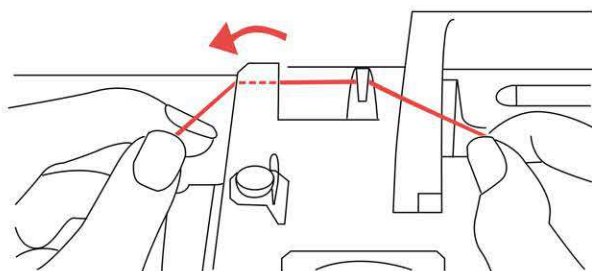
Pull the thread from the spool with two hands and pass the thread under the hook of thread guide.

- 6



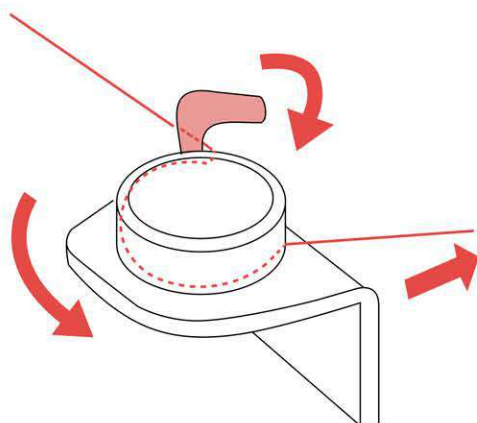
Pass the thread through the guide cover.

- 7



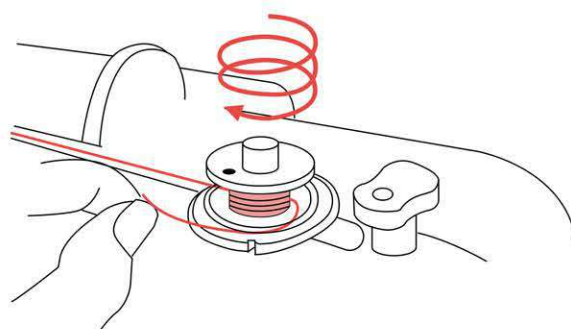
Pass the thread through the pretension disk in the direction as shown in the figure, make sure that the thread passes under the pretension disk.

- 8



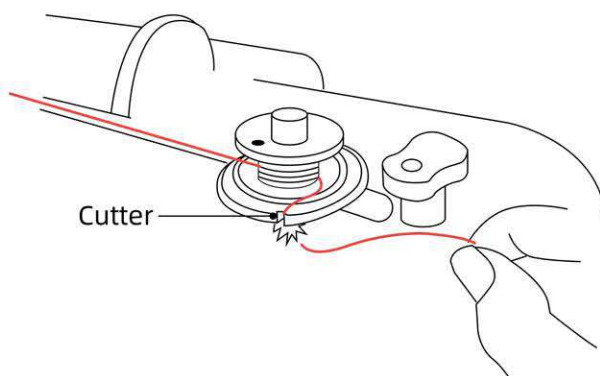
Wind the end of the thread clockwise around the bobbin 5-6 times.

- 9



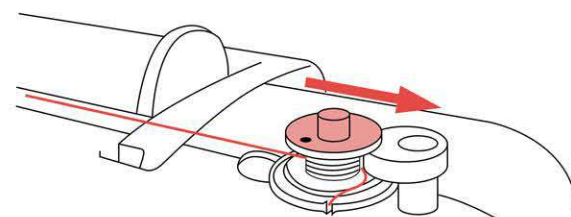
Pass the end of the thread through the guide slit in the bobbin winder seat, then pull the thread to the right and cut it with the built-in cutter.

- 10



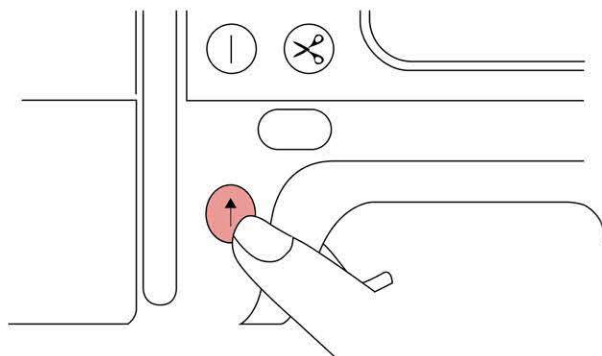
Slide the bobbin winder to the right.

- 11

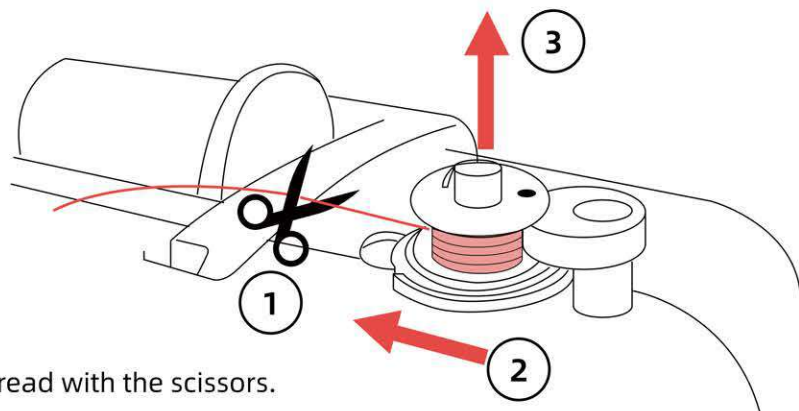


# Wind the Bobbin Thread

- 12 Press the Start button, and the machine starts to wind automatically.



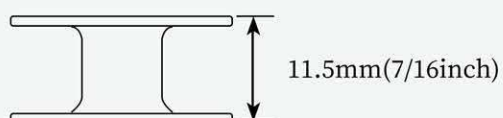
- 13 When the bobbin winding is finished, cut the thread with scissors, slide the bobbin winder to the left, and then remove the bobbin from the shaft.



- 1 Cut the thread with the scissors.
- 2 Slide the bobbin winder to the left.
- 3 Remove the bobbin from the shaft.

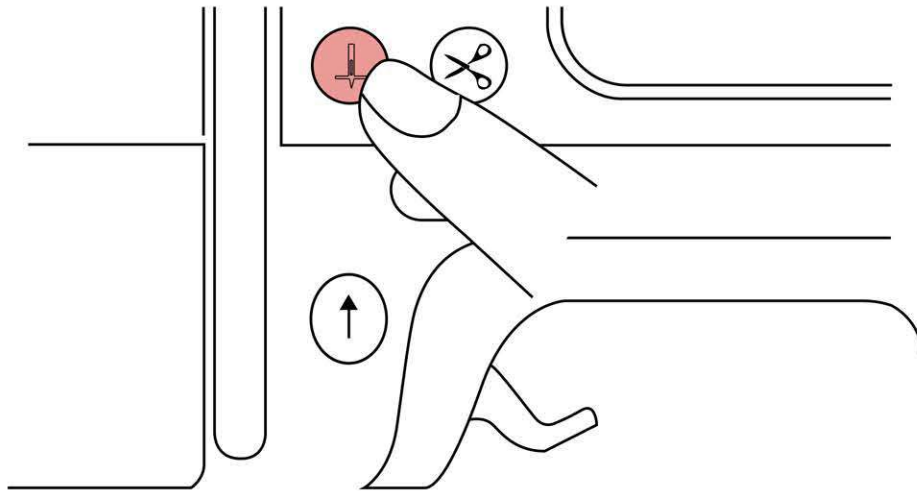
## ⚠ Tips:

Please use the bobbin included with the machine to wind the thread, if you want to buy it, please choose the same size bobbin in the picture below. Otherwise, the machine will not work normally.

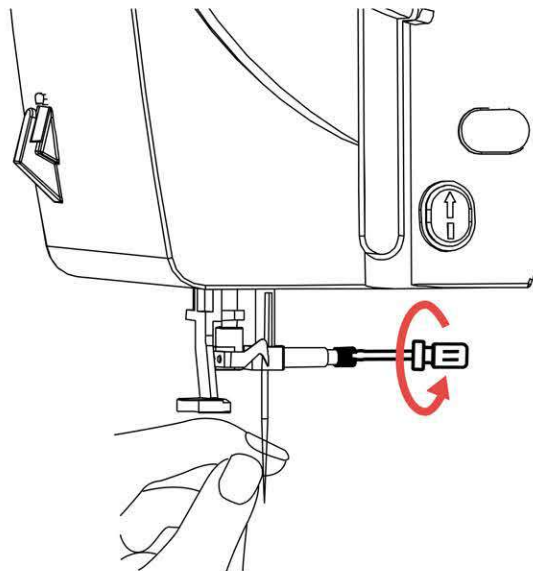


# Replace the Needle

- 1 Press the "Needle position" button on the machine to raise the needle to its highest position.



- 2 Turn off the machine. Use a screwdriver to turn the screw counterclockwise, then loosen the screw and remove the needle that needs to be replaced.



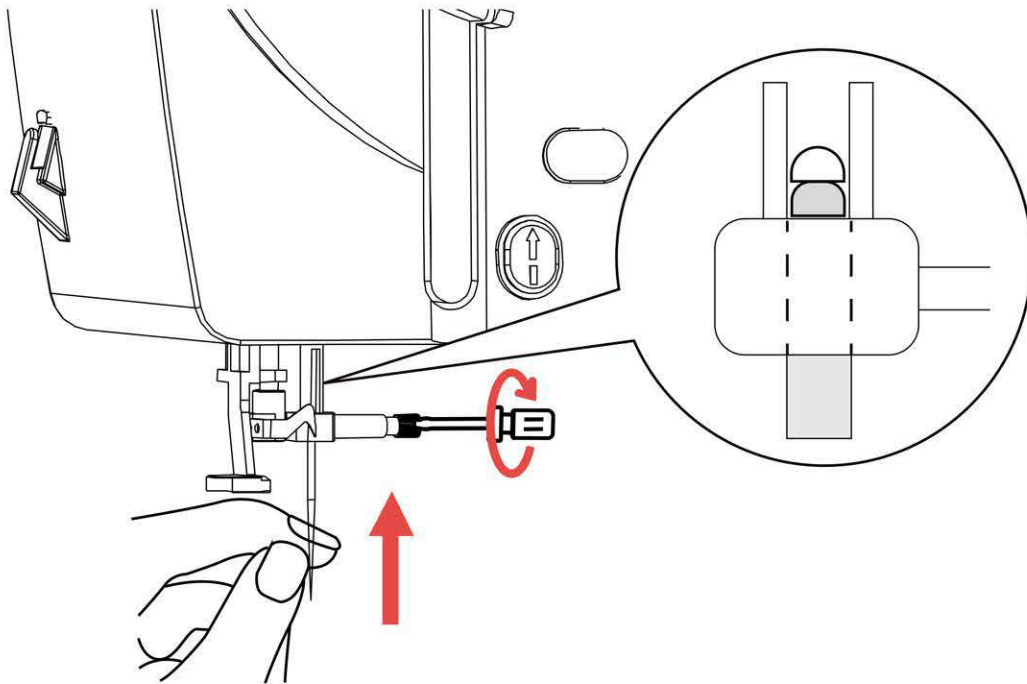
## Tips:

Before replacing the needle, please turn off the machine and cover the hole on the needle plate with a cloth or paper to prevent the needle from falling into the machine.



# Replace the Needle

- 3 With the flat side of the needle towards the back, insert the needle until it touches the needle stopper. Tighten the needle clamp screw with a screwdriver.



## Tips:

Be sure to insert the needle until it touches the top of the needle stopper before tightening the needle clamp screw. If the needle is not fully inserted or the needle clamp screw is loose, the needle may break or damage may result.

# Adjust the Upper Thread Tension

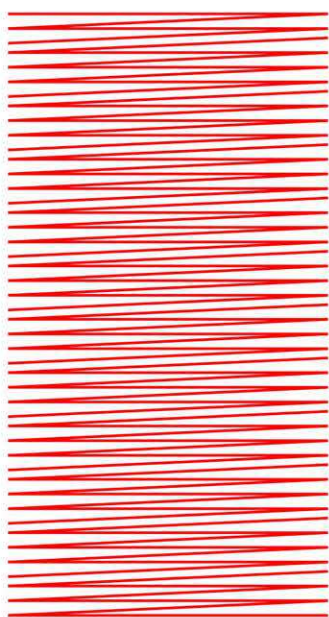
When embroidering, the correct standard of thread tension should be:

- 1.The top thread is slightly visible on the back of the fabric.
- 2.The front of the fabric can not see the bottom thread at all and there is no floating thread on the surface.

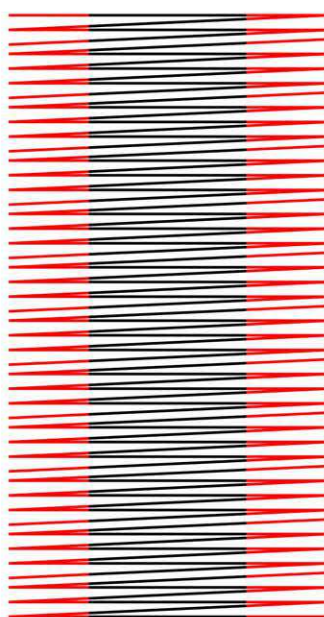


Correct Tension Display Diagram

Fabric front



Fabric back



● Red is upper thread

● Black is bottom thread

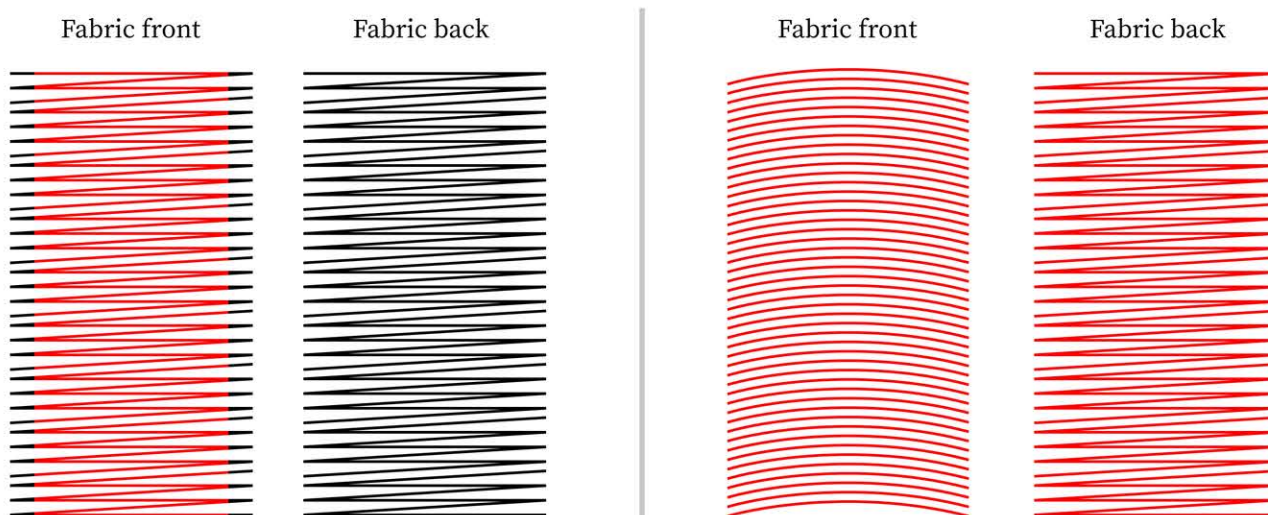
## Tips:

If the upper thread tension is not set correctly, it will lead to poor embroidery effect, thread jamming, thread breakage and needle breakage.

# Adjust the Upper Thread Tension



## Incorrect Tension Display Diagram

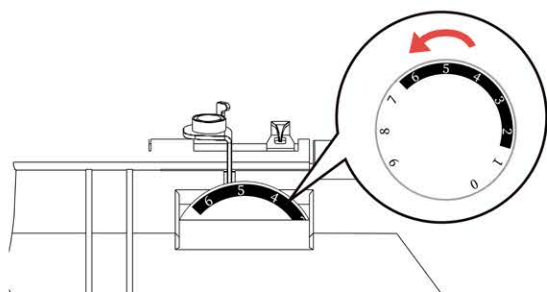


### Upper thread too tight

If the tension of the upper thread is too tight, the bottom thread will be visible from the front of the fabric.

#### Adjustment Steps:

Turn the tension adjustment dial to the left to decrease the value to decrease the tension.

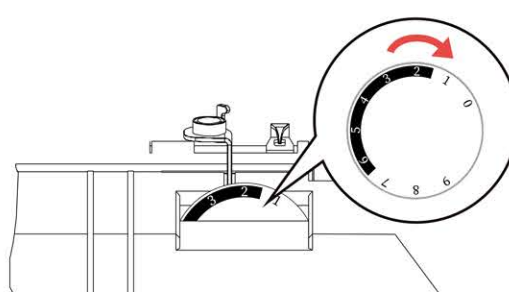


### Upper thread too loose

If the tension of the upper thread is too loose, the floating thread can be seen from the front of the fabric, and the bottom thread can hardly be seen from the reverse side.

#### Adjustment Steps:

Turn the tension adjustment dial to the right to increase the value to increase the tension.



#### ⚠ Tips:

1. The larger the value corresponding to the dial, the greater the upper thread tension.
2. Please adjust the appropriate tension according to different fabrics and designs. The general fabric tension dial should be between 4-5.

# Troubleshooting

Error Message	Cause of Issue	Solution
Thread breaking	The upper thread is threaded incorrectly.	Follow the operation of threading the upper thread, re-thread the thread. See P19-22 for details.
	Upper thread tension is too tight.	Adjust tension. See P30-31 for details.
	Thread jammed.	Clean up the jam.
	Thread doesn't fit the needle.	Use proper needle and thread.
	Bobbin case scratches.	Replace the bobbin case.
	The needle is not installed correctly.	Correctly install the needle. See P28-29 for details.
Needle breaking	Upper thread tension is too tight.	Adjust tension. See P30-31 for details.
	Thread jammed.	Clean up the jam.
	Needle doesn't fit the fabric.	Use a larger needle.
	The needle is not installed correctly.	Correctly install the needle. See P28-29 for details.
Thread jammed	The upper thread is threaded incorrectly	Follow the operation of threading the upper thread, re-thread the thread. See P19-22 for details.
	Upper thread tension is too loose	Adjust tension. See P30-31 for details.
Stitches skipped	Needle doesn't fit.	Use the proper needle.
	Needle bending.	Replace the needle. See P28-29 for details.
	The needle is not installed correctly.	Replace the needle. See P28-29 for details.
	Upper thread tension is too tight.	Adjust tension. See P30-31 for details.

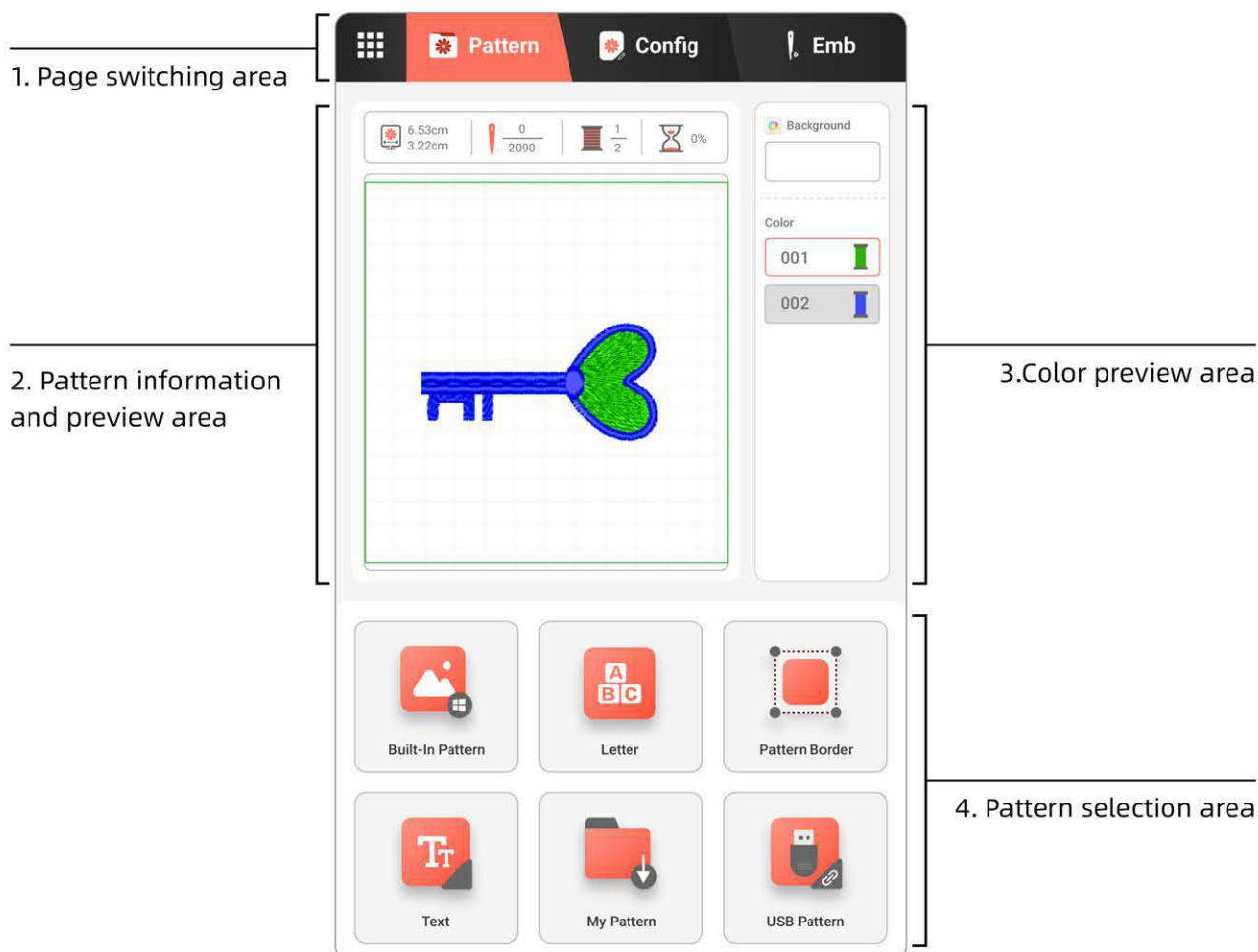


# Troubleshooting


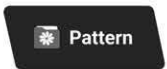


Error Message	Cause of Issue	Solution
Misplaced embroidery	Fabric unclamped.	Clamp the fabric. See P16-17 for details.
	No stabilizer.	Add stabilizer. See P16-17 for details.
	When the embroidery frame is working, it bumps to the surrounding objects.	Do not place any objects around the embroidery frame.
Thread unlocked	The upper thread is threaded incorrectly.	Follow the operation of threading the upper thread, re-thread the thread. See P19-22 for details.
	No bobbin.	Reinstall the bobbin. See P23-24 for details.
	The thread does not fit the needle.	Use proper needle and thread.
USB not recognized	The USB format does not match or the memory is too large	Please use the offered USB device or purchase a USB device with a capacity of less than 64GB and a format of FAT32.
Pattern not recognized	Pattern format is incorrect	This machine only supports pattern files in DSB/DST format.



# Select Patterns





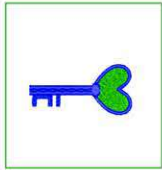


## 1、Page switching area




Content	Description
	Set page.
	Pattern selection page.
	Pattern editing page.
	Embroidery status page.

# Select Patterns

## 2、Pattern information and preview area







Content	Description
 6.53cm 3.22cm	The width and height of the current pattern.
 $\frac{0}{2090}$	The number of completed embroidery stitches/the total number of stitches of the pattern.
 $\frac{1}{2}$	Completed color change times/total color change times of the pattern.
 0%	Embroidery progress.
	<p>Display the position of the pattern in the selection frame.</p> <ul style="list-style-type: none"> <li>When the pattern is within the embroidery frame, the boundary line of the embroidery frame is green.</li> </ul>

## 3、Color preview area

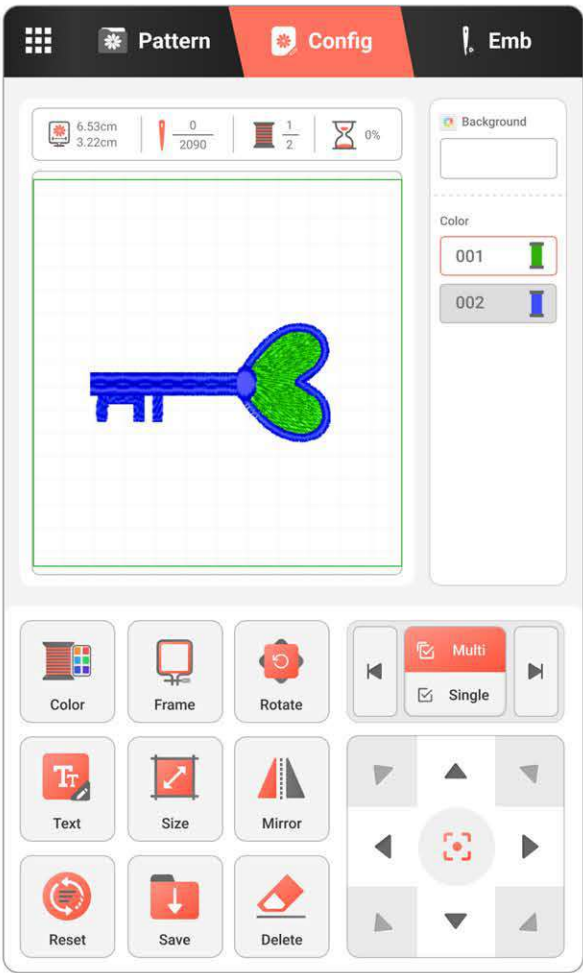
Content	Description
 Background 	The background color of the pattern preview area.
	<p>Pattern color list.</p> <ul style="list-style-type: none"> <li>When selected, the border will be red.</li> <li>Press the edit page "Color" to modify.</li> <li>The colors of pattern embroidery will be arranged in the order of 001, 002, 003 from top to bottom.</li> </ul>

# Select Patterns


## 4. Pattern Selection Area

Content	Description
 Built-In Pattern	System built-in patterns.
 Letter	Built-in monograms patterns. <ul style="list-style-type: none"><li>• Including hollow words and art words.</li></ul>
 Pattern Border	System built-in lace patterns.
 Text	Custom alphabet library.
 My Pattern	My Patterns. <ul style="list-style-type: none"><li>• After editing, save the pattern and the pattern imported by USB.</li></ul>
 USB Pattern	USB Patterns. <ul style="list-style-type: none"><li>• After inserting the USB, you can select patterns in the USB to embroider, no need to output them to the machine.</li></ul>

# Edit Patterns



## Description of Functions

Content	Description
<div> Color</div>	Color setting page. See P53-54 for details.
<div> Frame</div>	Embroidery frame selecting page. See P55 for details.
<div> Rotate</div>	Pattern rotating page. See P56 for details.

# Edit Patterns

## Content

## Description



Text

Customize the alphabet library edit page.

- Only used for alphabet library editing.
- It cannot be used for built-in patterns and USB imported patterns.



Size

Pattern zoom page.

See P57 for details.



Mirror

Pattern mirroring page.

See P58 for details.



Reset

One click to reset the edited pattern.

See P59 for details.



Save

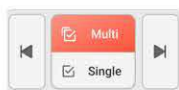
Save to My Pattern List.



Delete

Delete the edited pattern.

See P61 for details.



Press the button to select patterns in groups, and the patterns can be edited as a whole.

- Press the left and right switching buttons to switch group selection patterns and single selection patterns.
- This function is invalid if there is only one pattern.



# Edit Patterns

## Content

## Description



Press the button to select a single pattern, and you can edit the pattern individually.

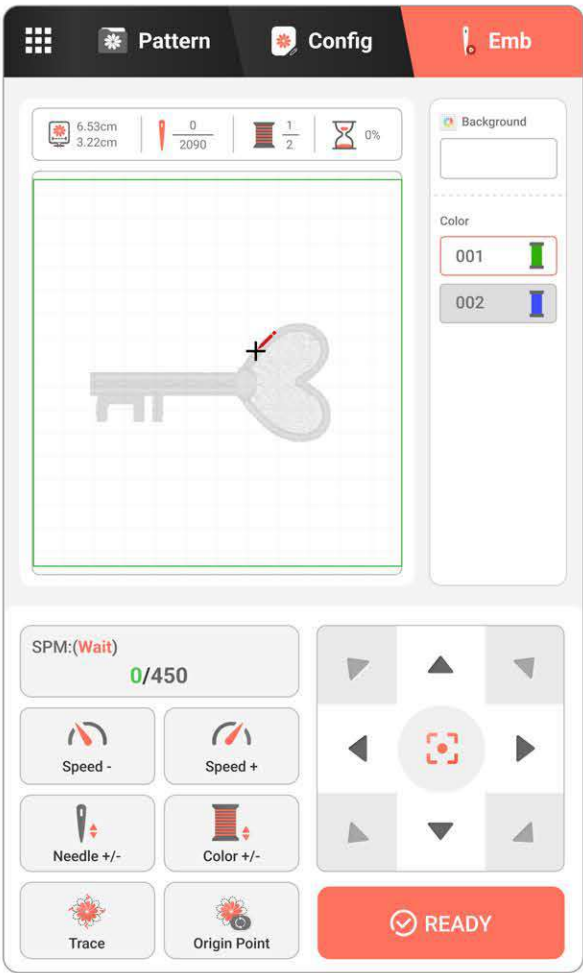
- Press the left and right switching buttons to switch group selection patterns and single selection patterns.
- This function is invalid if there is only one pattern.



Move the position of the pattern in the embroidery frame.

- Quick center key: quickly move the pattern to the middle of the embroidery frame.
- Upper left key: quickly move the pattern to the upper left position of the embroidery frame.
- Upper right key: quickly move the pattern to the upper right position of the embroidery frame.
- Lower left key: quickly move the pattern to the lower left position of the embroidery frame.
- Lower right key: quickly move the pattern to the lower right position of the embroidery frame.





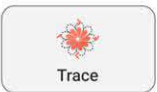




# Embroidery Status



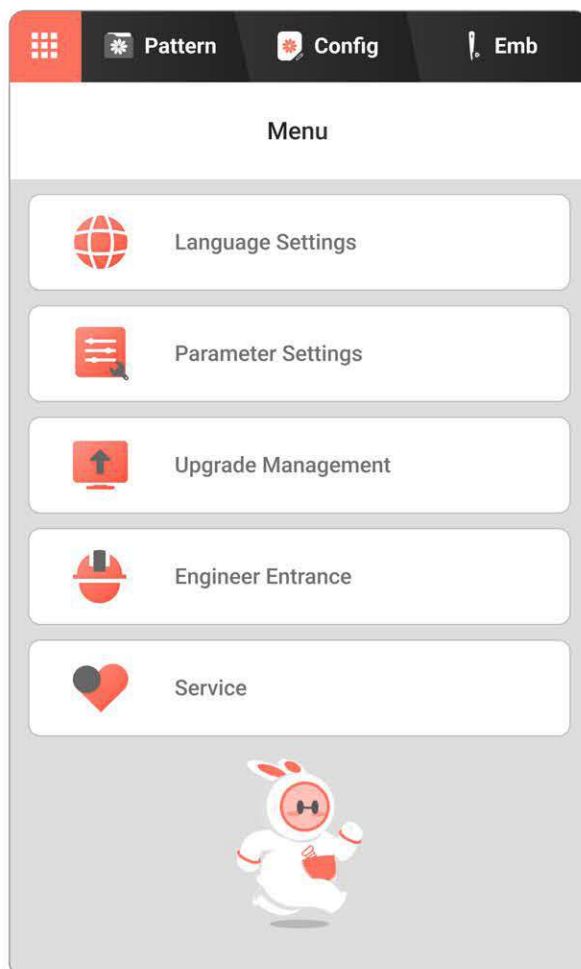
## Description of Functions

Content	Description
<div>SPM:(Wait) 0/450</div>	<p>Real-time embroidery speed/maximum embroidery speed.</p> <p>There are 6 status:</p> <ul style="list-style-type: none"><li>• Wait</li><li>• Ready</li><li>• Working</li><li>• Pause</li><li>• Thread Broken</li><li>• Complete</li></ul>




# Embroidery Status

Content	Description
 Speed -	Embroidery speed down.
 Speed +	Embroidery speed up.
 Needle +/-	Forward/backward by the number of stitches. See P60-61 for details.
 Color +/-	Forward/backward by color. See P62 for details.
 Trace	Pattern tracing: before embroidery starts, trace along the largest edge of the pattern, it is used to determine the embroidery position of the pattern in the embroidery.
 Origin Point	Return to the starting point: Return to the starting point during the embroidery to restart embroidery.   In the state of embroidery, perform the operation of returning to the starting point to stop embroidery and return to the starting point, please select as required.
 READY  EXIT	Working state switching key (READY/EXIT) . Press the key to switch: <ul style="list-style-type: none"> <li>• READY : indicates the ready state, the selection of pattern must be in ready.</li> <li>• EXIT : means to enter the working state, only in this state can start embroidery.</li> </ul>



# Settings



## Description of Functions

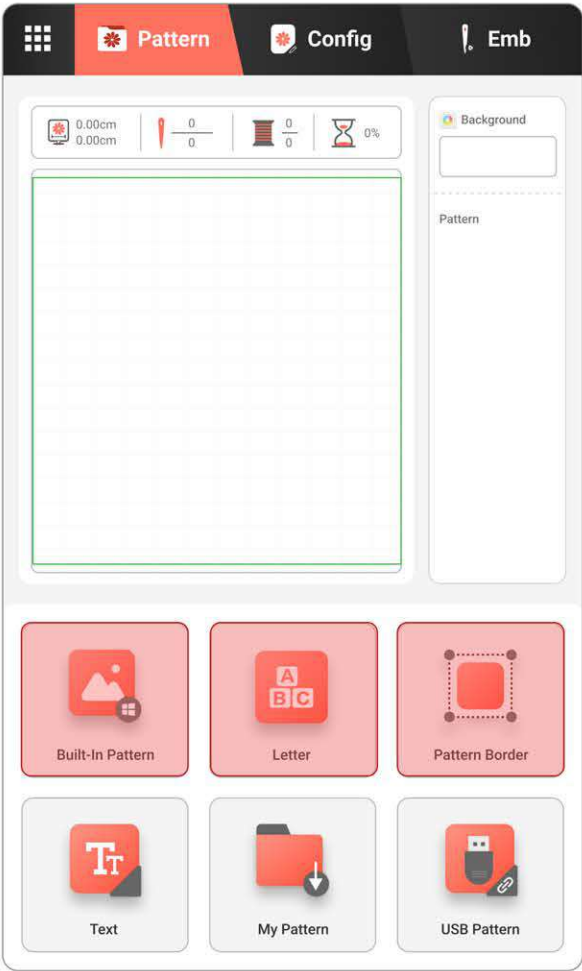
Content	Description
 Language Settings	Language settings page.
 Parameter Settings	Parameter settings page.
 Upgrade Management	System upgrade page.

# Settings

Content	Description
 Engineer Entrance	Engineer page.
 Service	Service page.



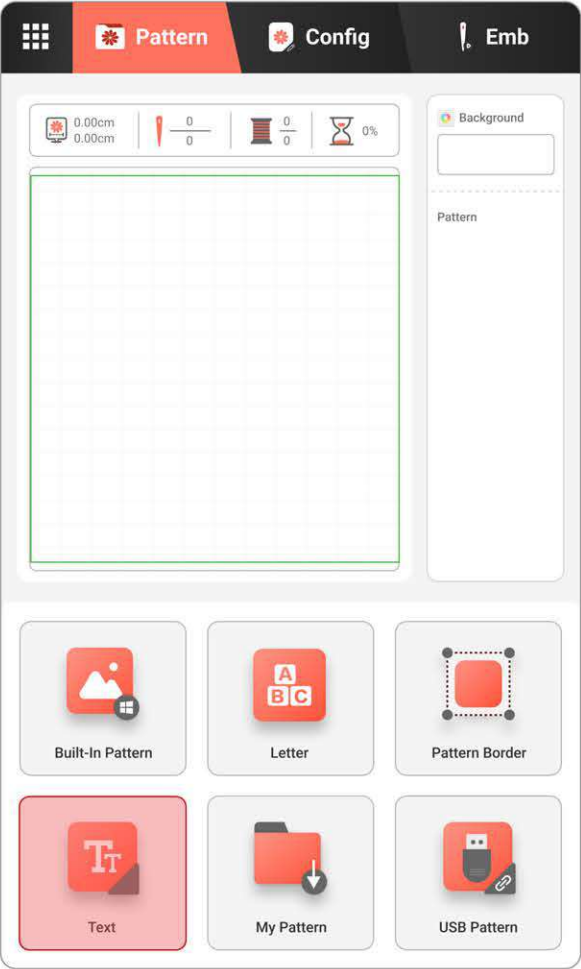
# Built-in Patterns






## Description of Functions

Content	Description
	Built-in pattern selection area.
	Combination key. Press the combination key to combine the patterns.
	Clear key. Clear the selected pattern.

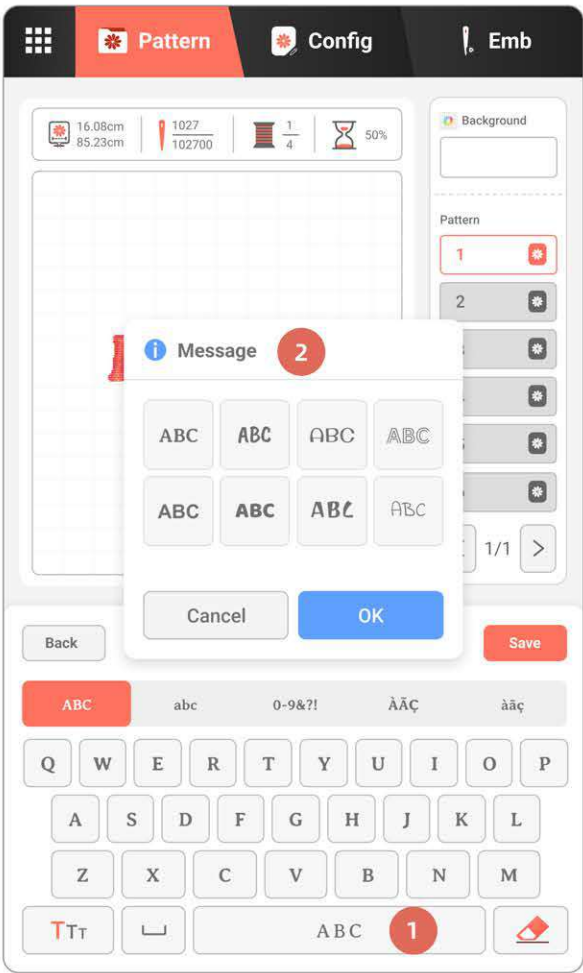
# Letter Embroidery



## Description of Functions

Content	Description
	Upper Case Letter, Lower Case Letter, Numbers&Signs, Upper Case Latin, Lower Case Latin.
	Adjust the letter size.
	Clear key.

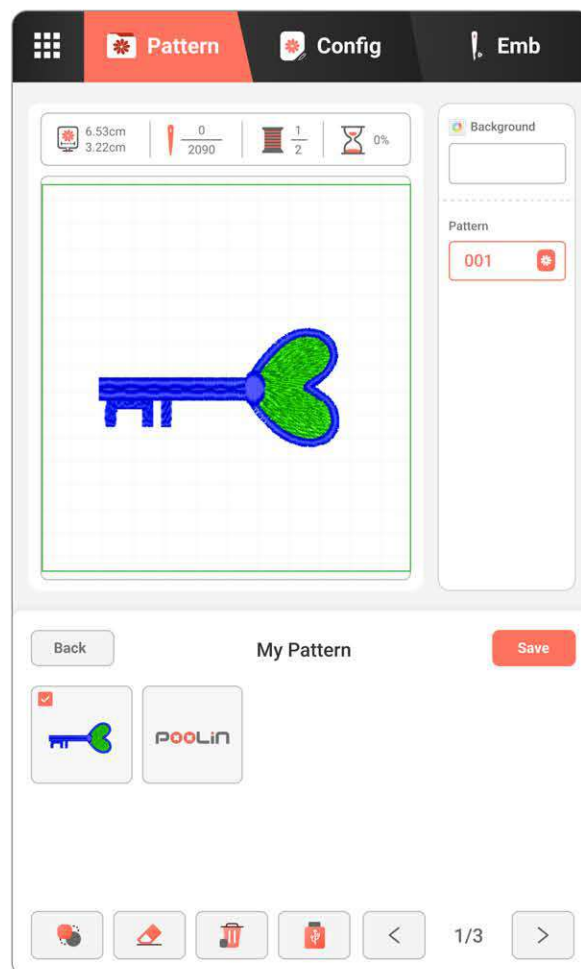
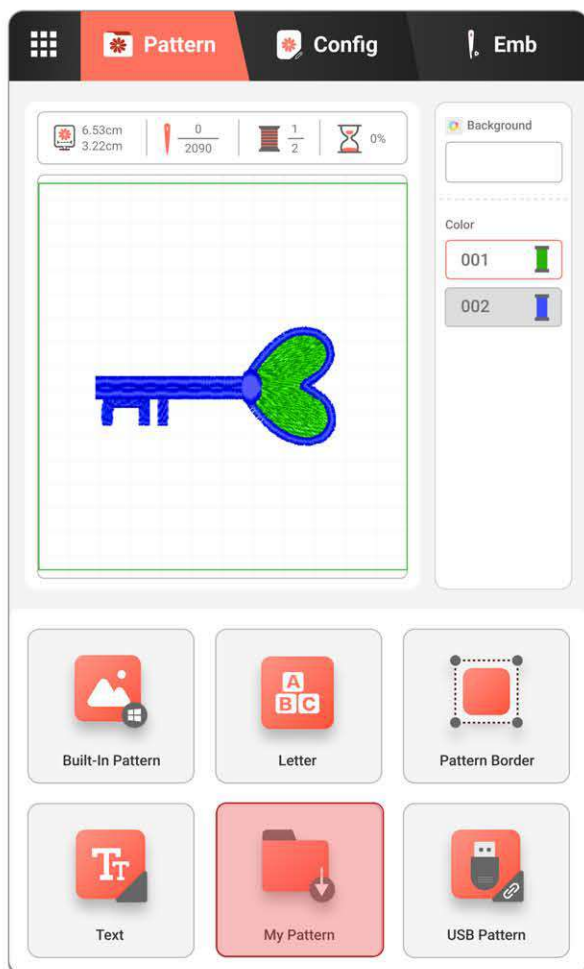
# Letter Embroidery



## Description of Functions

Content	Description
	Font switching key.
	Font selection area.

# My Patterns



47

## Description of Functions

### Content

### Description



Combination key.  
Press the combination key to combine the patterns.






Clear key.  
Clear the selected pattern.



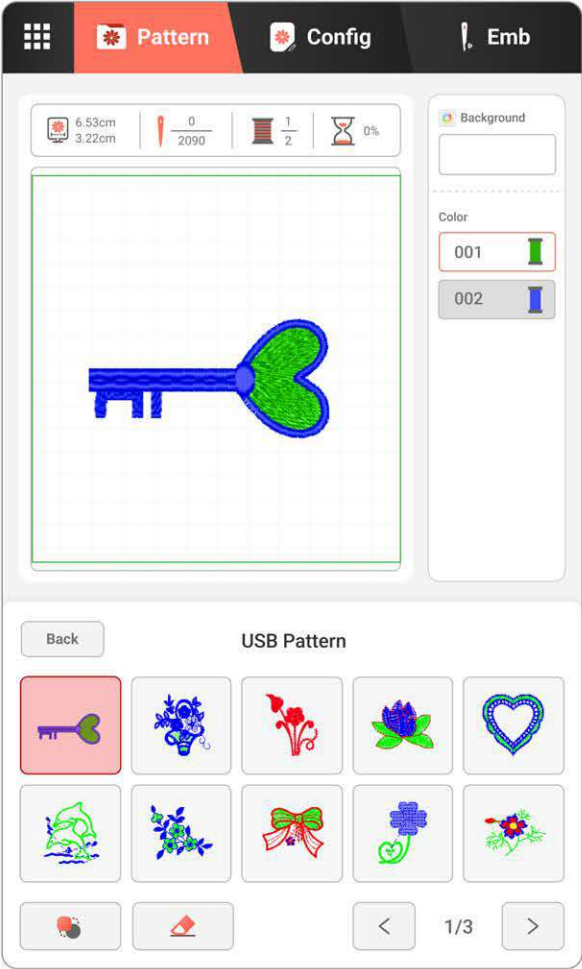
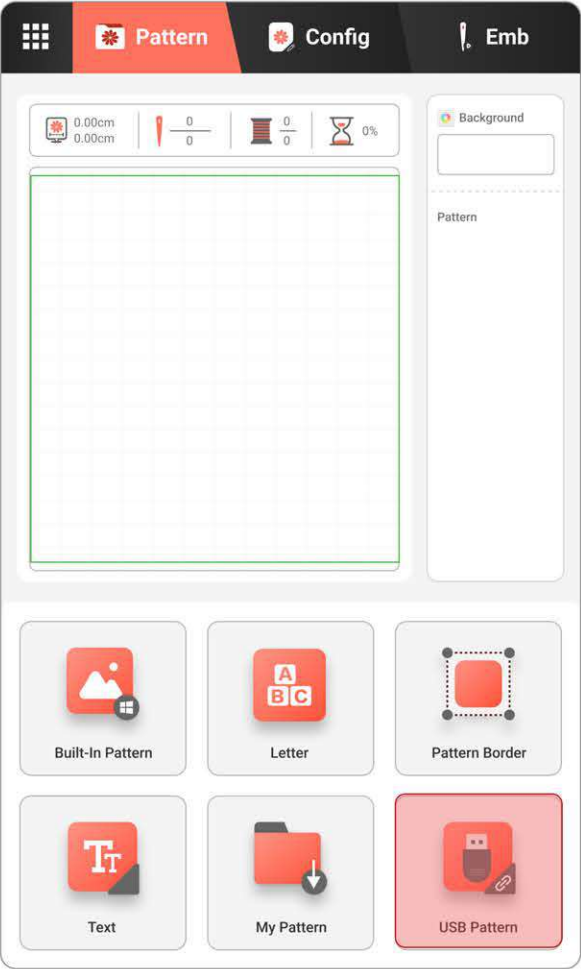
Delete key.  
Delete the patterns from the machine.

# My Patterns




Content	Description
	USB pattern import. The patterns in the USB can be imported into the machine.
 1/3 	Pattern list switching. Press the left and right switching keys to turn pages.



# USB Patterns



## Description of Functions

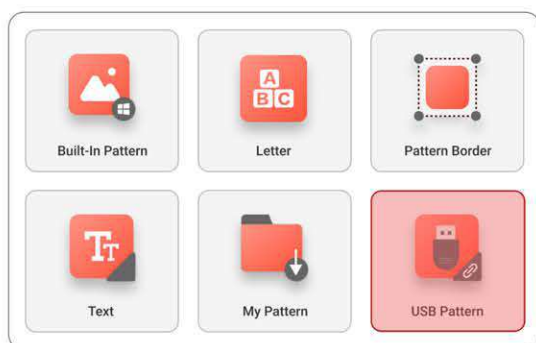
Content	Description
	Combination key. Press the combination key to combine the patterns.
	Clear key. Clear the selected pattern.
	Pattern list switching. Press the left and right switching keys to turn pages.

# Directly Embroider USB Patterns

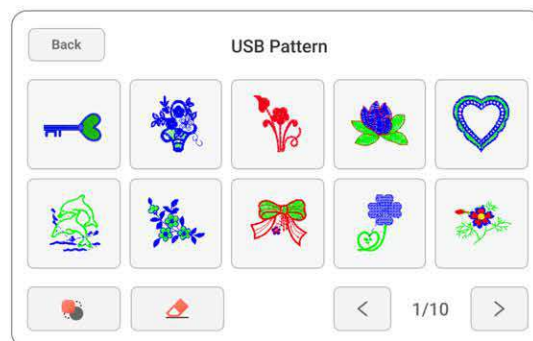
1 Plug in USB.



2 Press



3 Select a pattern in the USB.



# USB Import Patterns

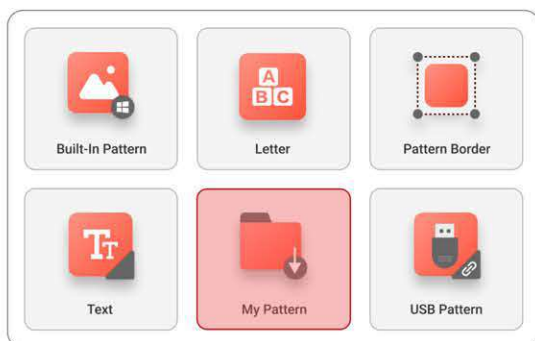
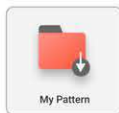
## Notes:

- When importing, if it prompts that the USB cannot be detected, please unplug or replace the USB and import again.
- The USB storage needs to be less than 64GB, and the format needs to be FAT32.
- Do not remove the USB until the import is completed to avoid data loss.
- This machine supports DST/DSB format, and patterns in other formats need to be converted by digitizing software.

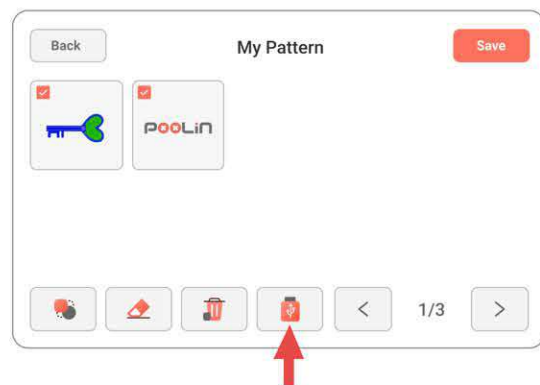
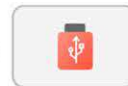
### 1 Plug in USB.



### 2 Press

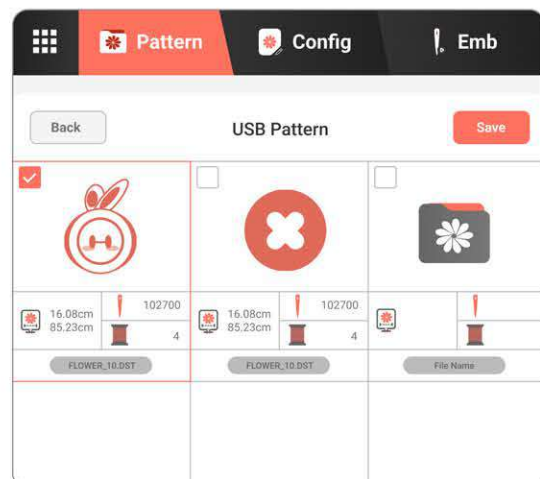


### 3 Press



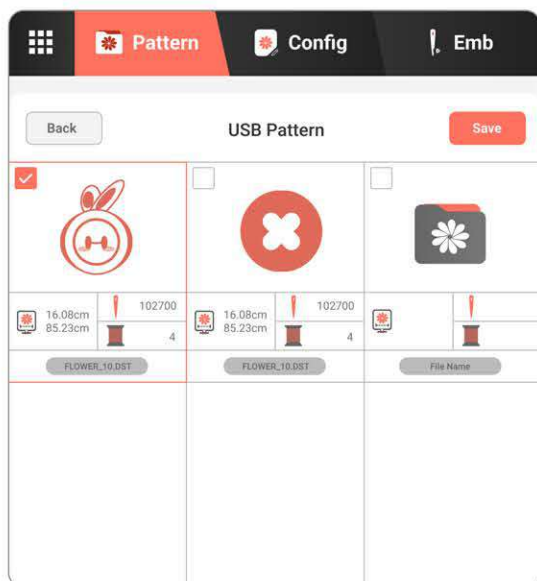
### 4

The page will jump to your USB root directory.



# USB Import Patterns

- 5 Select the patterns to be imported.
- You can select multiple patterns to import at the same time.



- 6 After adjusting, press **Save**

- 7 Press **Back** Back to My Pattern.



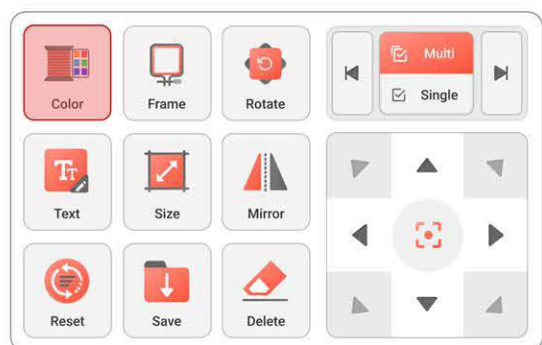
# Set the Background Color

1 After selecting a pattern, press  Config

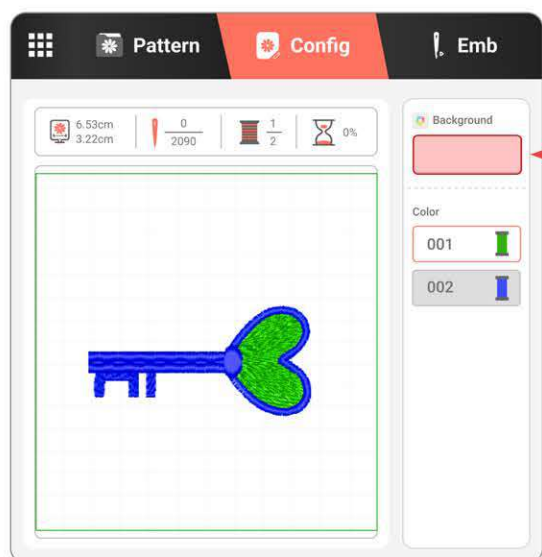


Note: At least one mode must be selected before entering the edit page.

2 Press



3 Press on this area.



4 Select the desired background color.



5 After adjusting, press



 Tips:

If you are not satisfied with the selected background color, you can press 'Back', then the edited content will not be saved.



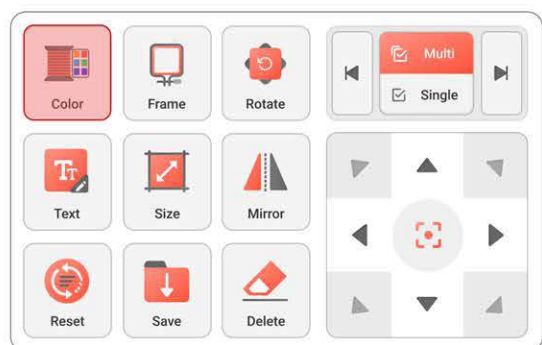
# Set the Pattern Color

1 After selecting a pattern, press **Config**

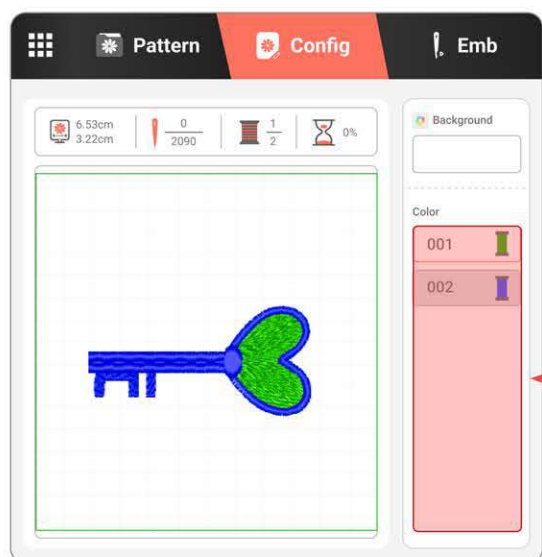


Note: At least one mode must be selected before entering the edit page.

2 Press



3 Press the color to be modified.



4 Select the desired pattern color.



5 After adjusting, press **Save**

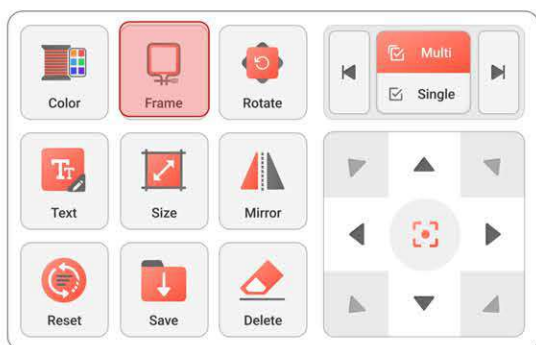
**i** Tips:

If you are not satisfied with the selected pattern color, you can press 'Back', then the edited content will not be saved.

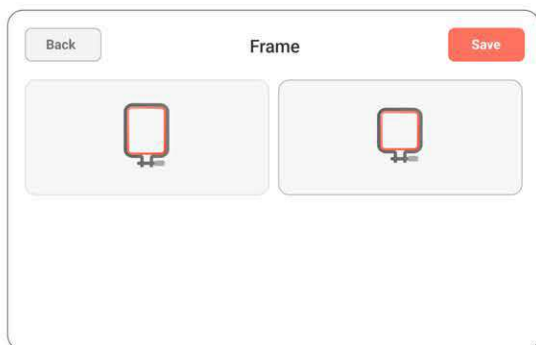
# Select the Embroidery Frame

The Attached embroidery frame must match the corresponding embroidery frame displayed on the screen, otherwise the frame collision may occur, resulting in damage to the machine.

1 Press



2 Select the corresponding embroidery frame.



3 After adjusting, press

Save

**i** Tips:

When selecting an embroidery frame, the machine will automatically find the origin. Please don't place objects around the machine to avoid collisions and damage to the machine.

**i** Tips:

When selecting an embroidery frame, it should be selected according to the actual size of the pattern, and the embroidery area of the embroidery frame should be larger than the area of the pattern.

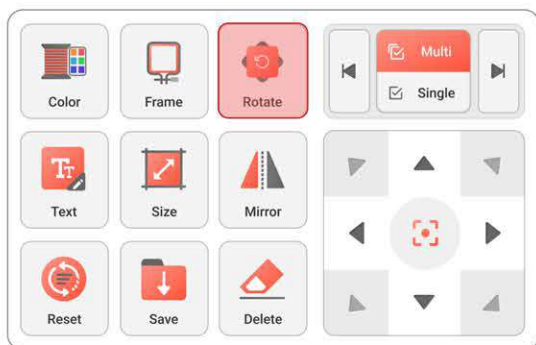
# Rotate the Pattern

Note: Only edits within the frame range can be saved successfully, please pay attention to the border line of the frame in the preview area.

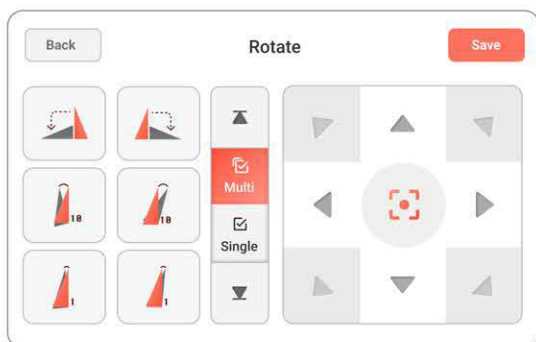
1 After selecting a pattern, press  Config




2 Press 





3 Rotate the pattern.




 Rotate the pattern counterclockwise 90 degrees.

 Rotate the pattern clockwise 90 degrees.

 Rotate the pattern counterclockwise 10 degrees.

 Rotate the pattern clockwise 10 degrees.

 Rotate the pattern counterclockwise 1 degree.

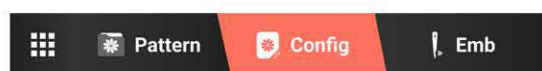
 Rotate the pattern clockwise 1 degree.

4 After adjusting, press 

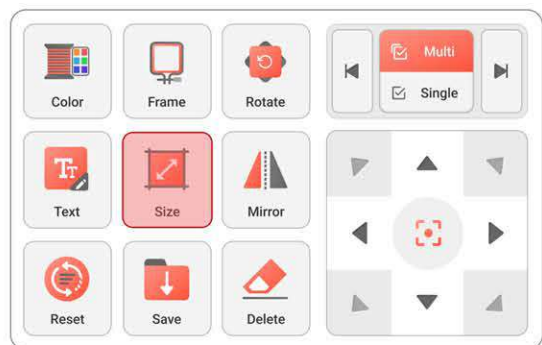
# Zoom the Pattern

Note: Only edits within the frame range can be saved successfully, please pay attention to the border line of the frame in the preview area.

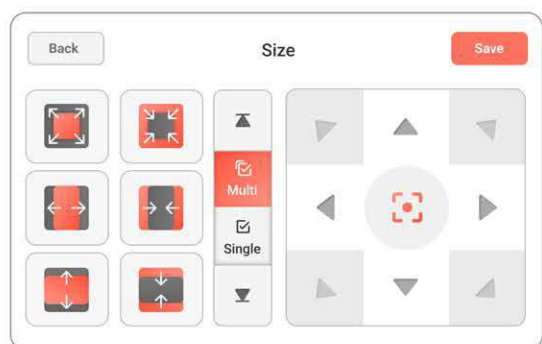
1 After selecting a pattern, press  Config



2 Press



3 Zoom the pattern.



The pattern is enlarged along the center point.



The pattern is shrinks along the center point.



The pattern is enlarged along the X direction.



The pattern shrinks along the X direction.



The pattern is enlarged along the Y direction.



The pattern shrinks along the Y direction.

4

After adjusting, press



# Mirror the Pattern

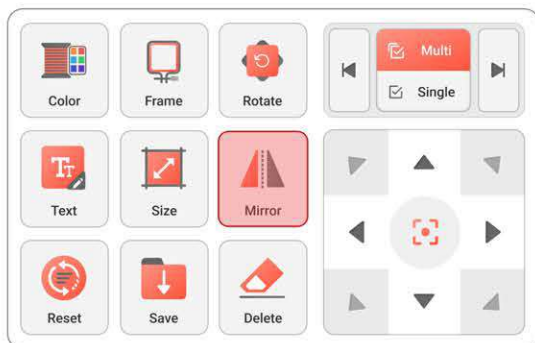
Note: Only edits within the frame range can be saved successfully, please pay attention to the border line of the frame in the preview area.

1 After selecting a pattern, press  Config

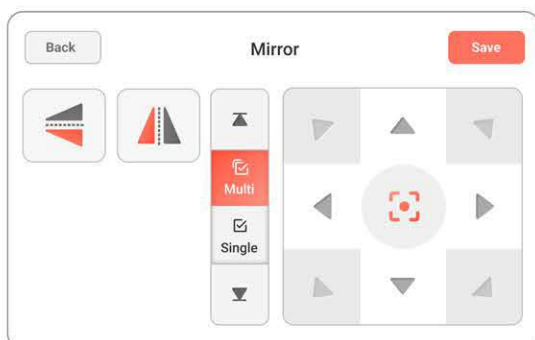
4 After adjusting, press 



2 Press



3 Mirror the pattern.



The pattern is mirrored along the X direction.

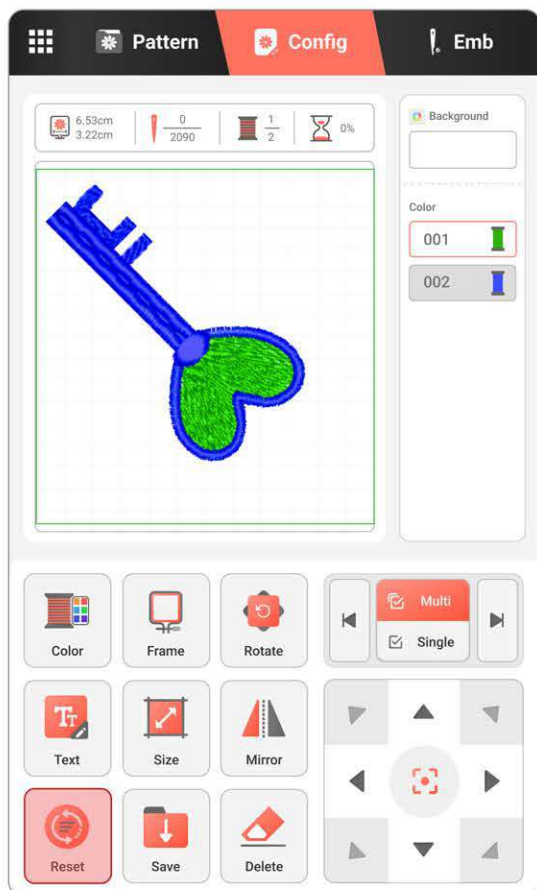


The pattern is mirrored along the Y direction.

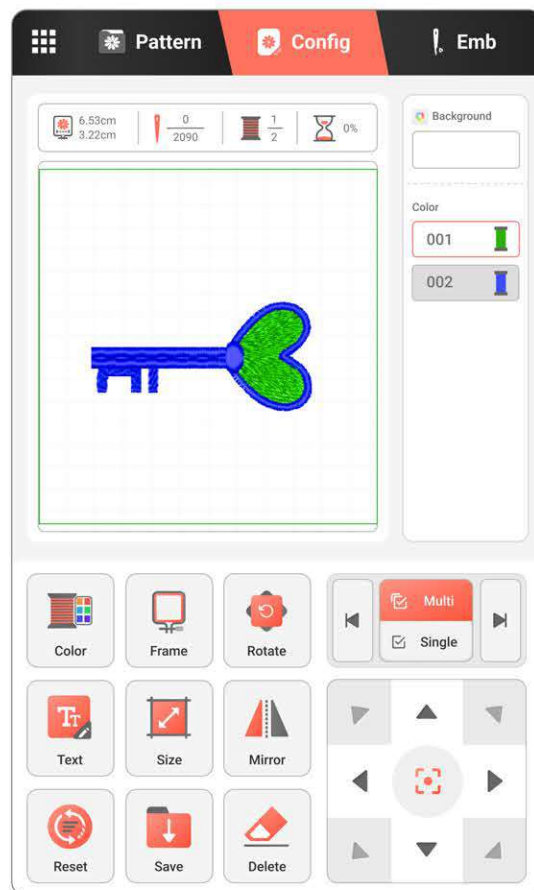


# Reset Pattern Edits

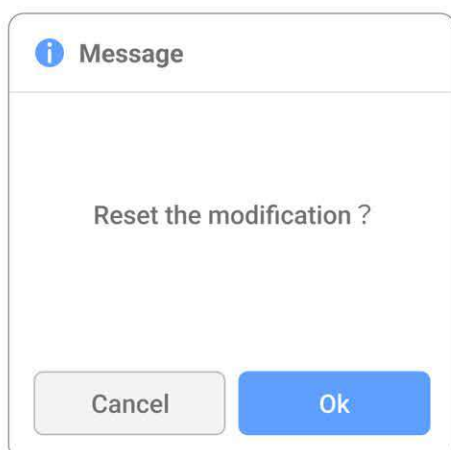
1 Press



3 The pattern returns to its original state.

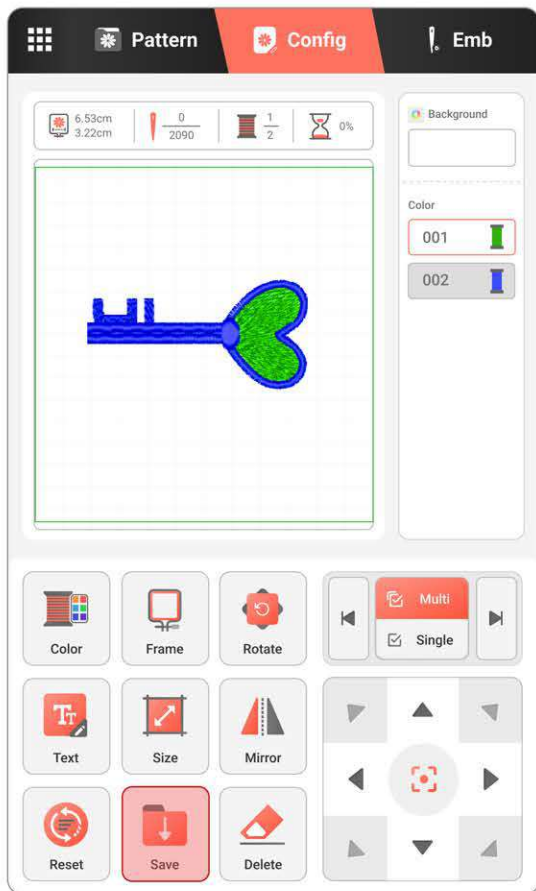


2 After confirming the pop-up message, press OK.



# Save Edited Patterns

1 Press

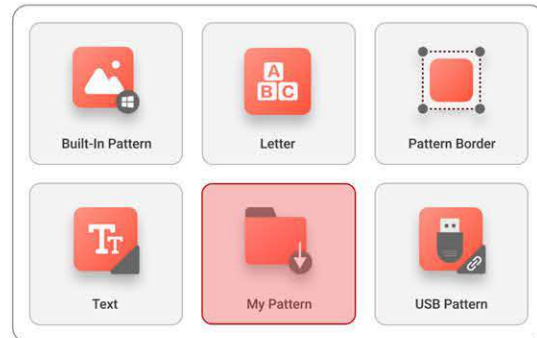


2 Press

Pattern

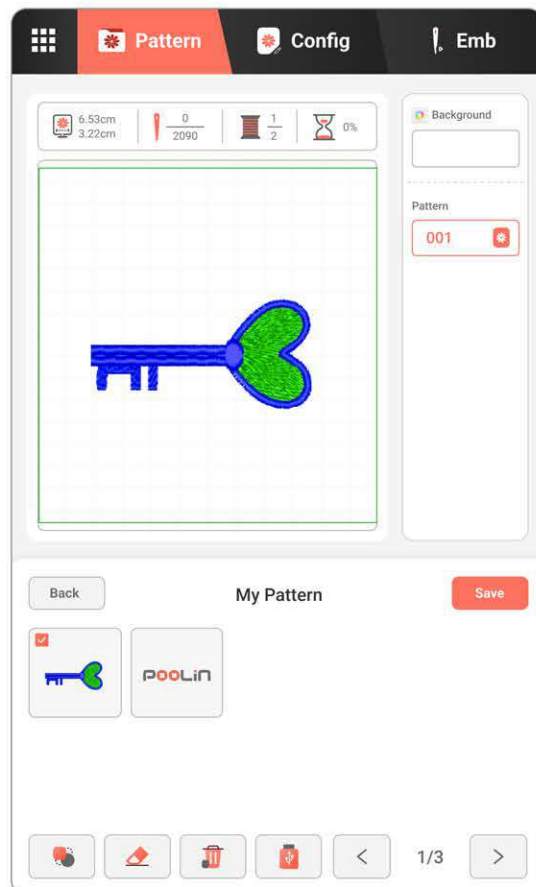


3 Press



4

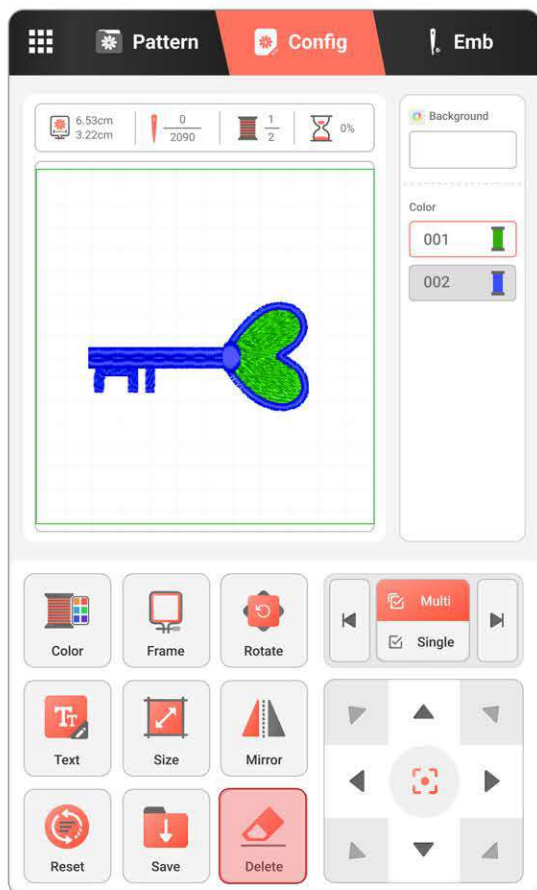
Patterns will be stored in this list.



# Delete Edited Patterns

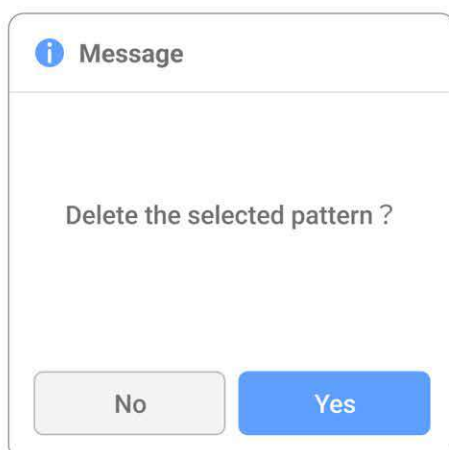
1

Press



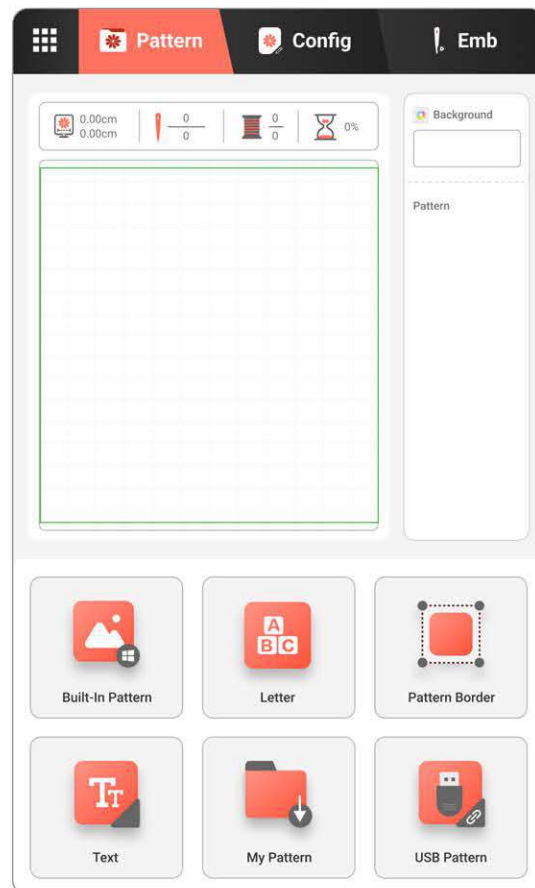
2

After confirming the pop-up information, press OK.

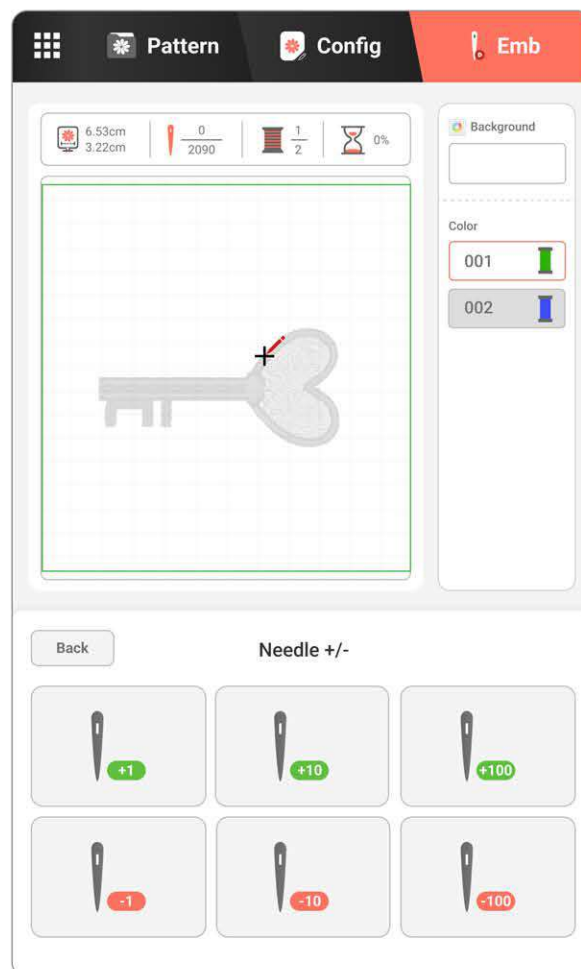
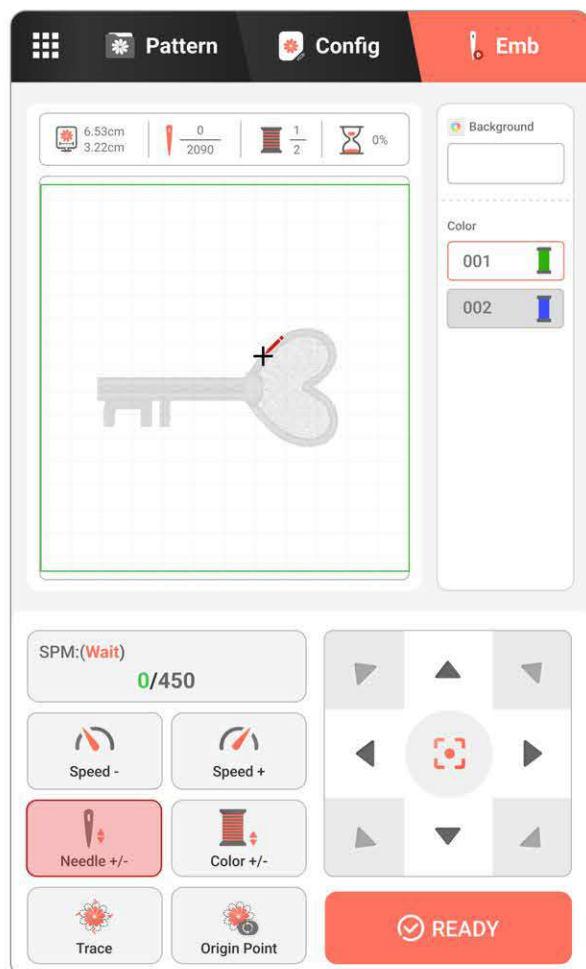


3

After the pattern is deleted, it will automatically jump to the pattern selection page.



# Stitch Forward/Backward



## Description of Functions

### Content

### Description



Forward 1 stitche.





Press the key, the pattern will move forward 1 stitch.



Forward 10 stitches.

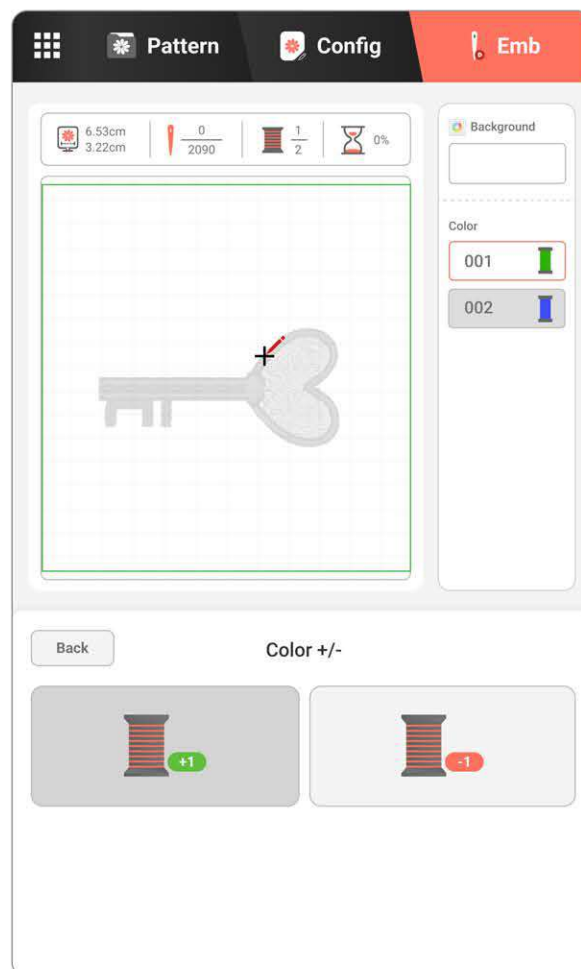
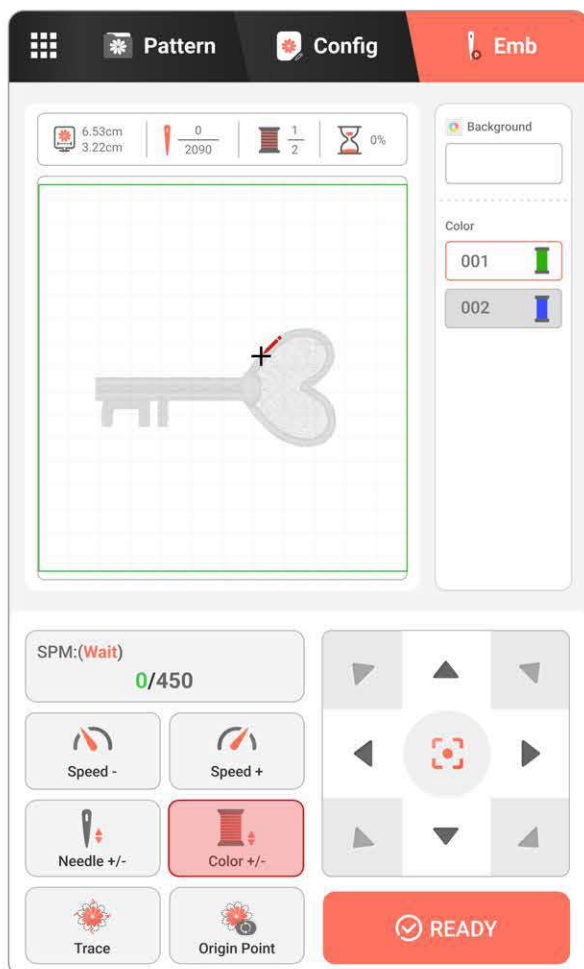
Press the key, the pattern will move forward 10 stitches.

# Stitch Forward/Backward



Content	Description
	<p>Forward 100 stitches.</p> <p>Press the key, the pattern will move forward 100 stitches.</p>
	<p>Back 1 stitch.</p> <p>Press the key, the pattern will move backward 1 stitch.</p>
	<p>Back 10 stitches.</p> <p>Press the key, the pattern will move backward 10 stitches.</p>
	<p>Back 100 stitches.</p> <p>Press the key, the pattern will move backward 100 stitches.</p>



# Color Forward/Backward



## Description of Functions

Content	Description
	Forward color key. Press the key, the pattern will go forward 1 color.
	Back color key. Press the key, the pattern will go backward 1 color.



*More stitches , More love*



*whatsApp*



*Facebook*



*YouTube*

