PFAFF

Perfection starts here.™

creative icon™ 2

User's Guide

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this household sewing machine.

When using an electrical appliance, basic safety precautions should always be followed, including the following:

Keep the instructions at a suitable place close to the machine. Make sure to hand them over if the machine is given to a third party.

This appliance is intended for use by adults. The appliance can be used with adult supervision by (i) children aged from 8 to 12 years and (ii) persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given instruction concerning use of the appliance in a safe way and understand the hazards involved. Cleaning and user maintenance shall not be made by children without supervision. It is not allowed for anyone to play with the machine. Children up to 8 years are not allowed to use the machine.

DANGER - TO REDUCE THE RISK OF ELECTRIC SHOCK:

- A sewing machine should never be left unattended when plugged in. The electrical socket, to which the machine is plugged in should be easily accessible. Always unplug this sewing machine from the electric outlet immediately after using and before cleaning, removing covers, lubricating or when making any other user servicing adjustments mentioned in the instruction manual.

WARNING –TO REDUCE THE RISK OF BURNS, FIRE, ELECTRIC SHOCK, OR INJURY TO PERSON:

- Do not allow to be used as a toy. Close attention is necessary when this sewing machine is used by or near children.
- Use this sewing machine only for its intended use as described in this manual. Use only attachments recommended by the manufacturer as contained in this manual.
- Never operate this sewing machine if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the sewing machine to the nearest authorized dealer or service center for examination, repair, electrical or mechanical adjustment.
- Never operate the sewing machine with any air openings blocked. Keep ventilation openings of the sewing machine and foot control free from the accumulation of lint, dust, and loose cloth.
- Keep fingers away from all moving parts. Special care is required around the sewing machine needle.
- Always use the proper needle plate. The wrong plate can cause the needle to break.
- Do not use bent needles.
- Do not pull or push fabric while stitching. It may deflect the needle causing it to break.
- Wear safety glasses.
- Switch the sewing machine off (“0”) when making any adjustment in the needle area, such as threading needle, changing needle, threading bobbin, or changing presser foot, etc.
- Never drop or insert any object into any opening.
- Do not use outdoors.
- Do not operate where aerosol (spray) products are being used or where oxygen is being administrated.
- To disconnect, turn all controls to the off (“0”) position, then remove plug from outlet.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.

- The foot control is used to operate the machine. Never place other objects on the foot control.
- Do not use the machine if it is wet.
- If the LED lamp is damaged or broken, it must be replaced by the manufacturer or its service agent or a similarly qualified person, in order to avoid a hazard.
- If the cord connected with the foot control is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person, in order to avoid a hazard.

For Overlock Machines only:

- Never operate without a cutter cover or a securely installed coverstitch table.

SAVE THESE INSTRUCTIONS

Federal Communication Commission Interference Statement

For the USA and Canada

Responsible party:	Singer Sourcing Limited LLC 1714 Heil Quaker Boulevard, Suite 130, LaVergne, TN 37086
Product name:	PFAFF® **creative icon™ 2** sewing machine

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

To satisfy radio frequency exposure requirements, a separation distance of 8" (20 cm) or more should be maintained between this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended. The built-in antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the authorized PFAFF® retailer or an experienced radio/TV technician for help.

The included interface cable should be used in order to ensure compliance with the limits for a Class B digital device.

⚠ *Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.*

CE Declaration of Conformity

VSM Group AB Soldattorpsgatan 3, SE-554 74 Jonkoping, Sweden declare that the product:

Household Sewing MachinePFAFF® **creative icon™ 2** complies fully with following EU directives:

- 2014/35/EU Low Voltage Directive
- 2014/30/EU EMC Directive
- 2011/65/EU RoHS Directive

and that the relevant harmonized standards are applied as listed:

- EN 60335-1:2012, A13:2017, A1:2019, A2:2019, A14:2019
- EN 60335-2-28:2003, A1:2008, A11:2018
- EN 62233:2008
- EN 55014-1:2017, A11:2020
- EN 55014-2:2015
- EN 61000-3-2:2019
- EN 61000-3-3:2019
- EN 62321-1:2013
- EN 63000
- EN 301 489-17 V3.2.0
- EN 301 489-1 V2.2.0
- EN 300 328 V2.2.2

Jönköping, January, 2022

Carsten Raunsgaard

Manager Regulatory Compliance

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Introduction

In your hand you have a shortened version of the machine user's guide. In this printed version, you will find information on the machine parts and accessories. You will also learn how to set up your machine for sewing and embroidery as well as information on how to maintain and take care of your machine. A longer and more detailed user's guide is available built into your machine, but also found on the pfaff.com as a pdf-file.

Welcome to the Built-in User's Guide!

The built-in user's guide is found in the machine Help Center. The built-in user's guide contains all of the information found in the printed user's guide, as well as information regarding all the functions and features accessed from the Multi-Touch Screen.

The built-in user's guide is always up to date with the latest features as it is automatically updated each time your machine is updated.



Open Help Center to access the built-in User's Guide

Search



Touch the Search icon and a window will open allowing you to search within the User's Guide. Enter your search and touch the magnifying glass. The machine will display the search results.

Finding a Topic



To search for a topic in alphabetical order, touch the index button.



To search for a topic by browsing the chapters of the user's guide, touch the table of contents button.

Note: The index and table of contents are opened as drop-down menus on the right side of the screen, and will cover any images on that side. To close the index or table of contents drop-down menu, touch the button again.

Navigating the User's Guide

In the user's guide you can swipe up/down to scroll within a page, stretch/pinch to zoom in/out on the text and images, and touch an underlined link to jump to that section of the user's guide.

Read about navigating the Multi-Touch Screen in the gestures section.

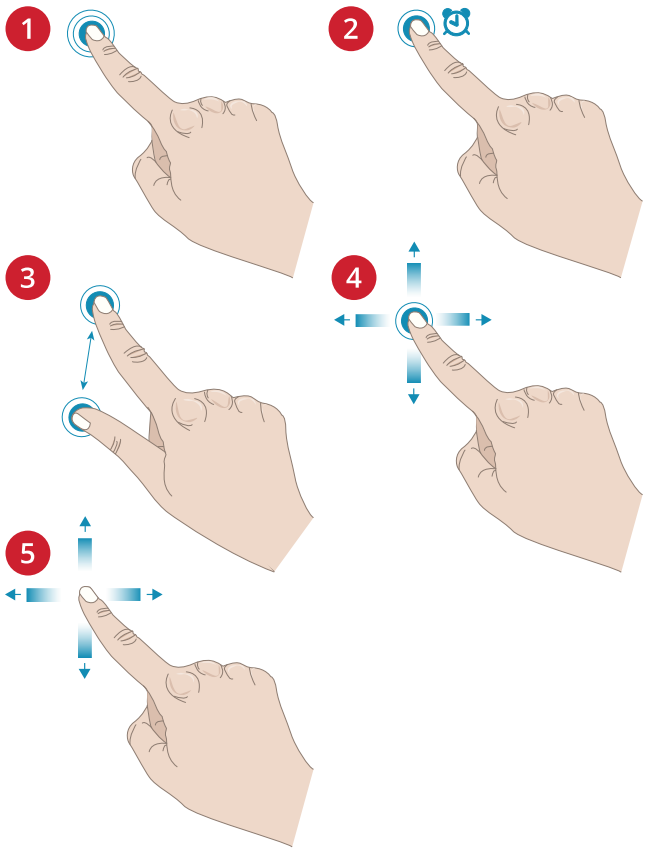


If browsing through the user's guide by touching links, you can easily step back and forth among the pages you have visited by using the navigation arrows. Just below the navigation arrows you will find the headline of the manual section you are currently viewing.

Basic Gestures for the Multi-Touch Screen

Easily navigate on the multi-touch screen with the gestures described below.

1. *Touch* — Touch once on a button or setting on the screen to select.
2. *Touch & Hold* — Touch once without releasing for a few seconds to touch & hold. Used on some buttons and screen areas to access more options.
3. *Pinch/Stretch* — Touch with two fingers at the same time and without releasing. Increase/decrease the distance between the fingers to stretch (zoom in) or pinch (zoom out).
4. *Touch and Move* — Touch once on a selected design and, without releasing, move your finger to a different position on the screen. Used e.g. for moving a design in the embroidery area.
5. *Swipe* — Touch, move and release your finger in a swift gesture to swipe. Left-right/right-left swipe is used e.g. to scroll between stitch menus. Top-bottom/bottom-top swipe is used e.g. to scroll within a stitch menu.



Smart Toolbox

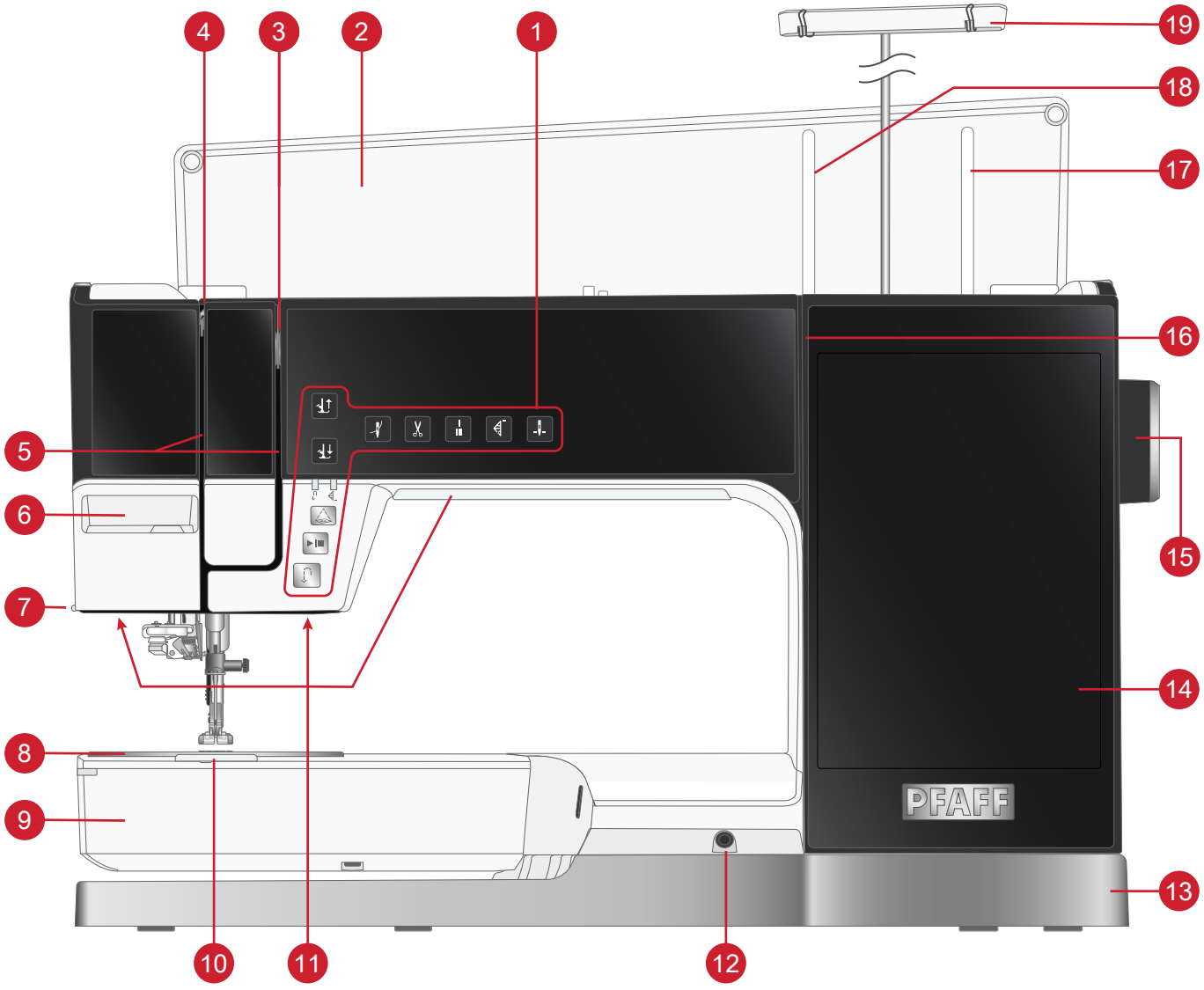
The Smart Toolbox is available in the sewing and embroidery area. Touch & hold anywhere in your work area to open the Smart Toolbox and select the option you want.

The options included in the Smart Toolbox differ depending on where they are used. For example; Duplicate, Delete, Mirroring and Edit.



Machine Overview

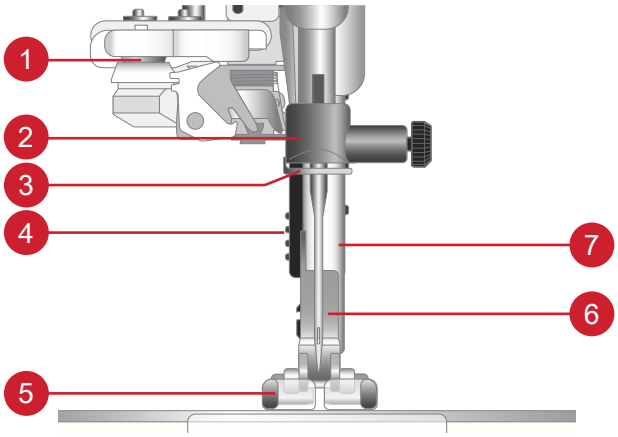
Front



1. Function buttons, see page 8 for detailed description
2. Lid
3. Thread tension discs
4. Thread take-up lever
5. Threading slot
6. Projector / Camera
7. Thread cutter
8. Needle plate
9. Free arm
10. Bobbin cover
11. LED light
12. Knee lifter socket
13. Base plate
14. Multi-touch screen
15. Hand wheel
16. Bobbin winding thread slot
17. Auxiliary spool pin
18. Main spool pin
19. Telescopic thread guide

Needle Area

1. Automatic needle threader, see Using the Automatic Needle Threader, page 29
2. Needle bar with needle clamp screw
3. Needle thread guide
4. IDT™
5. Presser foot
6. Presser foot ankle
7. Presser foot bar



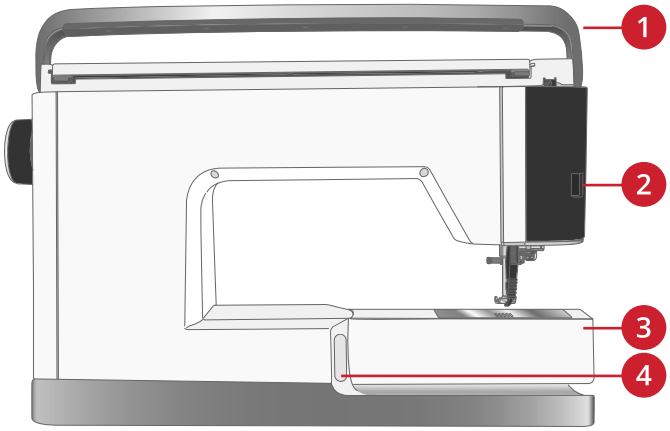
Right Side

1. Handwheel
2. Speaker
3. Speed control slider
4. ON/OFF switch, sockets for power cord and foot control. See Connect the Power Cord and Foot Control, page 20.
5. Built-in USB ports

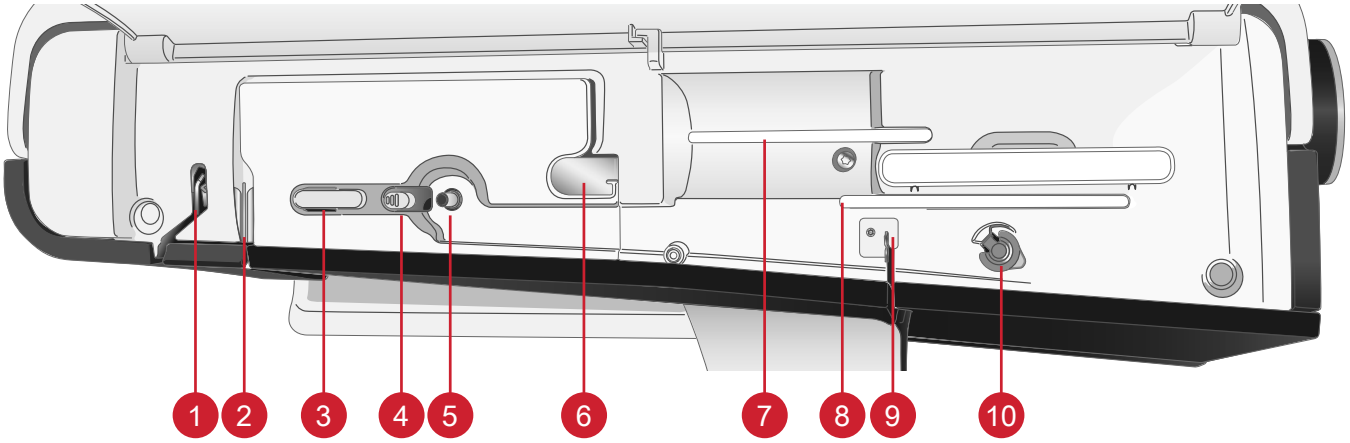


Rear

1. Handle
2. Accessory socket
3. Free arm
4. Embroidery unit socket

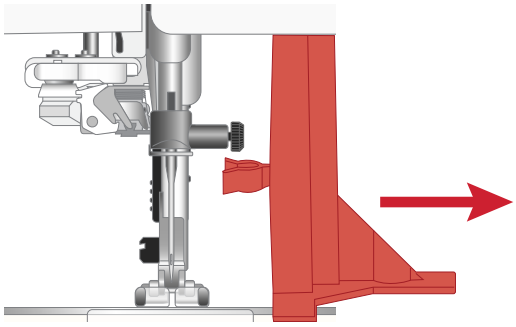


Top



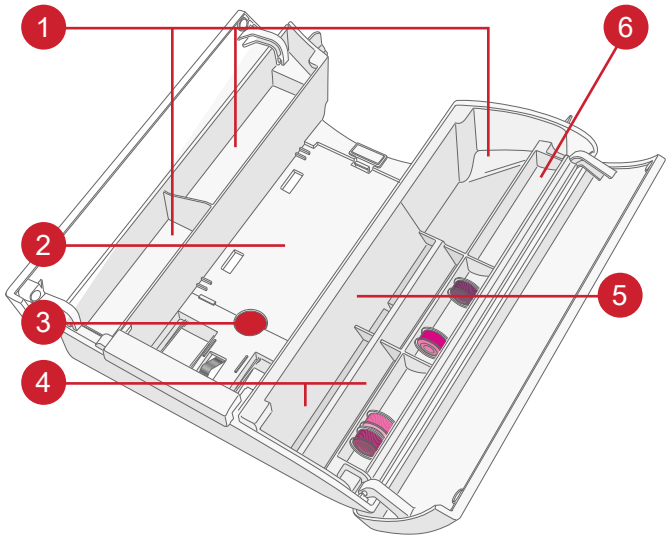
1. Thread take-up lever
2. Thread tension discs
3. Thread cutter
4. Bobbin winder lever
5. Bobbin winder
6. Pre-tension thread guide
7. Main spool pin
8. Auxiliary spool pin
9. Bobbin winding thread guide
10. Thread tension disc for bobbin winding

Note: The machine is delivered with three red safety catches; one attached to the presser foot bar, one in the accessory tray and one underneath the embroidery unit. These should all be removed before sewing.



Accessory Tray

The accessory tray features special compartments for presser feet and bobbins, plus space for needles and other accessories. Store the accessories in the tray so they are easily accessible.

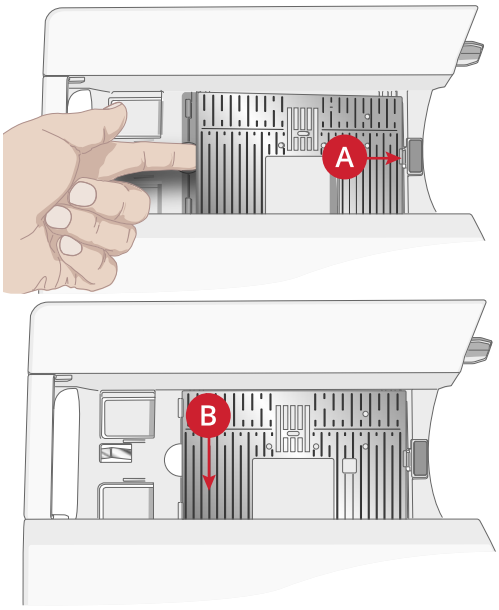


1. Space for accessories
2. Space for needle plate
3. Safety catch (remove before sewing)
4. Spaces for presser feet
5. Space with hole for 5M Manual Buttonhole Foot
6. Spaces for bobbins

Storing a Needle Plate

Store the needle plate not in use in the bottom of your accessory tray.

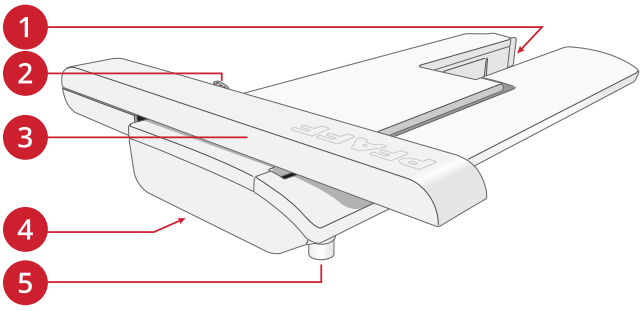
- Insert the right side of the plate into spring on the right side (A), push it slightly. Lay it down (B) so that the needle plate snaps into place.
- To remove the plate, place a finger into the hole by the left side of the plate, push it to the right and then lift the plate.



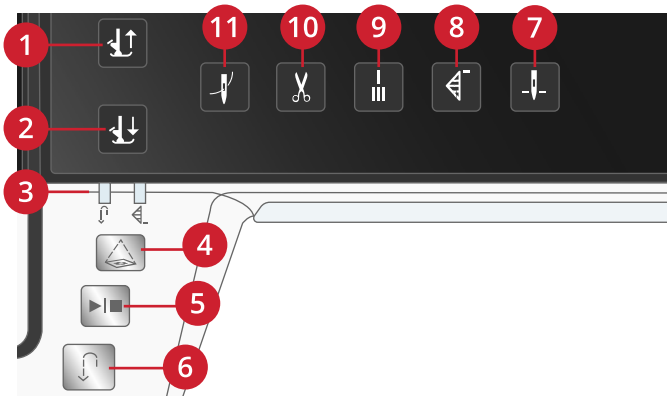
Embroidery Unit

(type EU 22)

1. Embroidery unit plug
2. Embroidery hoop attachment
3. Embroidery arm
4. Embroidery unit release button (underside)
5. Level adjustment feet



Function Buttons



1. Presser foot up and extra lift
2. Presser foot down and pivot
3. Indication Lights
4. Projector
5. Start/stop
6. Reverse
7. Needle stop up/down
8. Stitch Restart
9. Immediate tie-off
10. Cut function
11. Automatic needle threader



Presser Foot Up and Extra Lift

Touch the presser foot up button once to raise the presser foot. Touch again and the presser foot will raise to extra lift position, and the feed teeth will be automatically lowered to make it easier to get heavy fabric under the presser foot.

In embroidery mode, the extra lift makes it easier to insert or remove the hoop.



Presser Foot Down and Pivot

The presser foot is lowered automatically when you start sewing. To lower the presser foot before starting to sew, touch the presser foot down and pivot button. The presser foot will be completely lowered and the machine firmly holds the fabric. Touch presser foot down again to go to pivot position.

In embroidery mode touch presser foot down to lower the presser foot to embroidery position.



Indication Light

The left indication light is lit when the reverse function is active, the right light is lit when Stitch Restart is used.



Projector

This turns on the projector.



Start/Stop

Touch the start/stop button to start and stop the machine sewing or embroidering without using the foot control. Touch start/stop to begin and touch again to stop.



Reverse

When reverse is active, the reverse indicator illuminates. For permanent reverse, touch the reverse button once before starting to sew. The reverse indicator will illuminate and the machine sews in reverse until you touch the button again to cancel. If you press the reverse button while sewing, the machine will sew in reverse for as long as you keep the button pressed.

Reverse is also used when sewing manual buttonholes, darning stitches and tapering stitches to step between the parts of the stitch.



Needle Stop Up/Down

Touch needle stop up/down to set the position of the needle when you stop sewing. The needle will move up or down when you touch the button. The indicator light intensifies when needle stop down is set.

Tip: You can also tap the foot control to raise or lower the needle once you stop sewing. Tapping the foot control does not change the set stop position.



Stitch Re-Start

When you stop sewing in the middle of a stitch, touch stitch re-start to begin sewing at the beginning of the stitch. The stitch or stitch sequence will remember any special settings you made.

You can also use stitch re-start to go back to the beginning of an embroidery.



Immediate Tie-Off

Press immediate tie-off while sewing and your machine sews a few tie-off stitches and stops automatically. By touching the tie-off button once more while the action indicator is lit, the function can be turned off.



Cut Function

Touch the cut function button and your machine cuts the upper and bobbin threads and raises the presser foot and needle.

To cut threads at the end of a stitch or stitch sequence, touch the cut function button while sewing. The indicator light will illuminate, alerting you that a cut is requested. When the stitch or stitch sequence is completed, your machine cuts the upper and bobbin threads and raises the presser foot and needle.

Note: If automatic presser foot lift has been deselected in temporary session settings the presser foot will not be raised when using the cut function.

Touch the cut function button when embroidering and your machine cuts the upper and bobbin threads instantly.

Note: Some optional accessories are attached in the two small circular holes in the needle plate just above the bobbin cover. Do not use the cut function when an accessory is attached in these holes as that may interfere with the automatic thread cutter located under the needle plate



Automatic Needle Threader

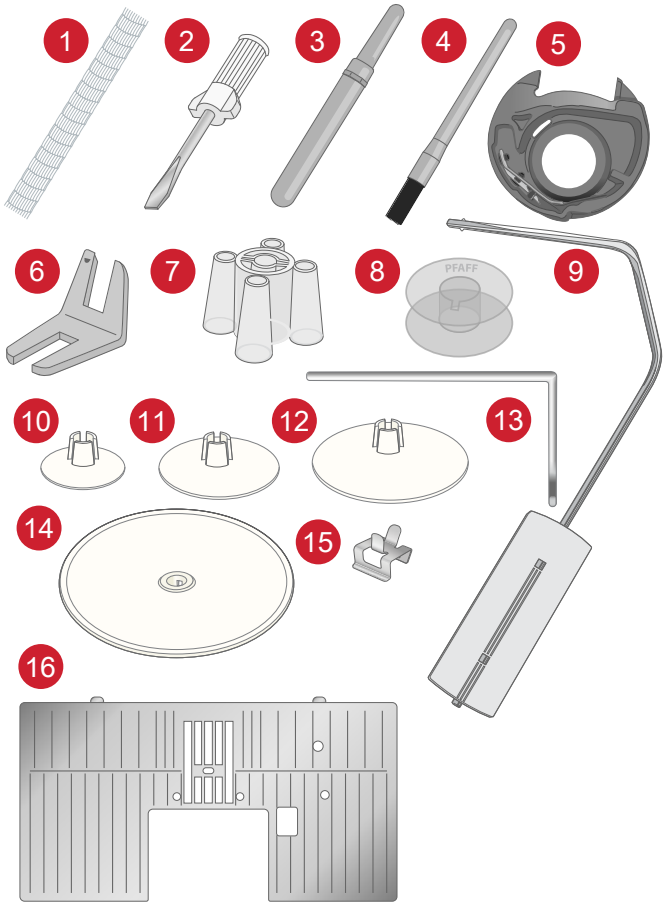
See Using the Automatic Needle Threader, page 29 to learn how to place the thread for automatic needle threading. When the thread is in place, touch this button to thread the needle automatically.

Note: To prevent damage to the automatic needle threader, needle, presser foot or other attached accessories, read the instructions carefully on how to use the automatic needle threader before using it.

Accessories

Included Accessories

1. Thread net (4)
2. Screwdriver
3. Seam ripper
4. Brush
5. Bobbin case for straight stitch left (black)
6. Multipurpose tool/Button reed
7. Thread cone holder (2)
8. Bobbins (9)
9. Knee lift
10. Spool cap, small (2)
11. Spool cap, medium (2)
12. Spool cap, large (2)
13. Edge/Quilting guide (used attached to presser foot ankle)
14. Large spool holder
15. Hoop clips (16)
16. Straight Stitch Plate

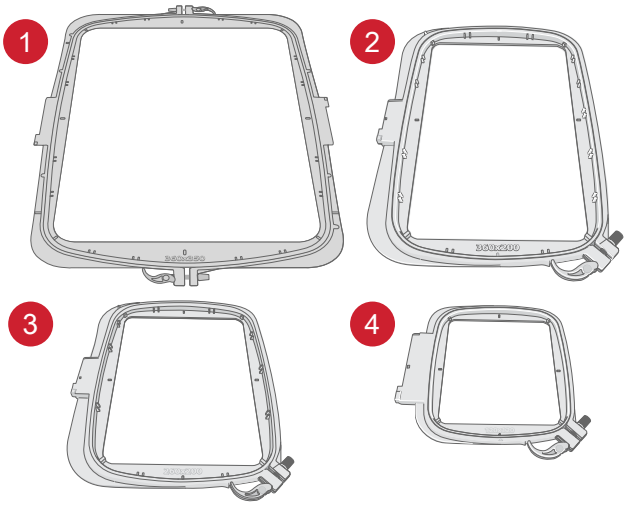


Included Accessories Not in Picture

- Complimentary software (PC and Mac) to download, see Free mySewnet Embroidery Software (PC and MAC)complimentary software in the built-in user's guide.
- Soft cover for machine
- Luggage style carrying bag with packing insert for embroidery unit
- Foot control
- Power cord
- Needles
- **creative icon™ 2** sampler book

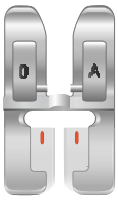
Included Hoops

1. **creative™** Grand Dream Hoop (360x350)
2. **creative™** Supreme Hoop (360x260)
3. **creative™** Elite Hoop (260x200)
4. **creative™**120 Square Hoop (120x120)



Presser Feet

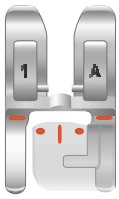
Note: For the best sewing results, use only presser feet designed for and compatible with your ***creative icon™ 2*** *machine.*



0A -Standard Presser Foot for IDT™ System

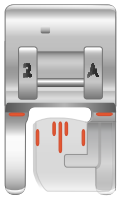
(attached on the machine upon delivery)

This foot is used mainly for straight stitching and zigzag stitching with a stitch length longer than 1.0 mm.



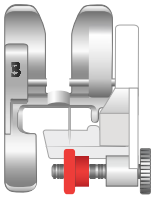
1A - Fancy Stitch Foot for IDT™ System

This foot is used for decorative stitches. The groove on the underside of the foot is designed to flow smoothly over the stitches.



2A - Fancy Stitch Foot

When sewing decorative stitches or short zigzag stitches and other utility stitches with less than 1.0mm stitch length, use this foot. The groove on the underside of the foot is designed to flow smoothly over the stitches.



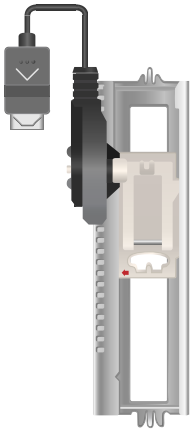
3 – Blindhem Foot for IDT™ System

This foot is used for blindhem stitches. The toe on the foot guides the fabric. The red guide on the foot is designed to ride along the fold of the hem edge.



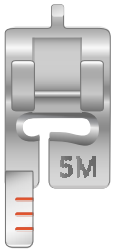
4 – Zipper Foot for IDT™ System

This foot can be snapped on either the right or the left of the needle, making it easy to sew close to both sides of the zipper teeth. Move needle position to right or left to sew closer to zipper teeth.



5A – Sensormatic Buttonhole Foot

When connected to the machine, the buttonhole is sewn in the length that has been entered into the machine.



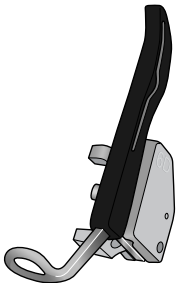
5M - Manual Buttonhole Foot

This foot is used for sewing manual buttonholes. Use the markings on the foot to position the garment edge. The finger on the back of the foot holds cording for corded buttonhole.



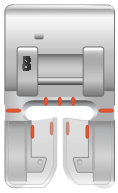
6A – Embroidery/Sensormatic Free-Motion Foot

This foot is used for embroidery and Free-Motion sewing. This foot can also be used for darning.



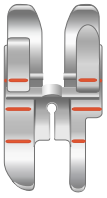
6D - Dynamic Spring Foot

This foot is always recommended for embroidery. It is also used for Free-Motion sewing, quilting and embroidering on especially thick or spongy fabric. When using the Dynamic Spring Foot for Free-Motion, select Dynamic Spring setting in the Free-Motion Options window in Sewing Mode.



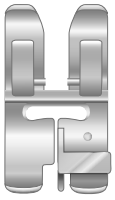
8 – Maxi Stitch Foot

This foot is used for side-motion stitches.



¼" Quilting Foot for IDT™ System

This foot is perfect for piecing and patchwork, especially when used in conjunction with the straight stitch needle plate. The distance from the needle to the outer edge of the right toe is ¼" (6mm). The distance from the needle to the inner edge of the right toe is ⅛" (3mm).



Bi Level Guide Foot for IDT™ System

The Bi Level Guide Foot is especially suitable for sewing the exclusive stitch techniques such as edge stitches and floating stitches. The underside of the presser foot is designed to be higher on the right side, and has a guide in the center, allowing the presser foot to glide along a folded edge.

Stitch Overview

Utility Stitches

Stitch	№	Name	Description
	1.1.1	Straight stitch	For seaming and topstitching.
	1.1.2	Stretch triple straight stitch	For reinforced seams and for top stitching.
	1.1.3	Stretch tricot stitch	For sewing seams on stretch fabrics.
	1.1.4	Straight stitch reverse	For sewing continuous reverse.
	1.1.5	Basting stitch	For all types of sewing.
	1.1.6	Zigzag stitch	For reinforcing seams, clean finish and stretch sewing.
	1.1.7	Zigzag stitch, right or left needle position	For reinforcing seams, clean finish and stretch sewing.
	1.1.8	Stretch triple zigzag stitch	Elastic stitch for decorative hems or topstitching.
	1.1.9	Three-step zigzag stitch	For stretch sewing, darning, patching, edge finishing and decorative sewing.
	1.1.10	Elastic stitch	For stretch sewing, darning, patching and lace insertion.
	1.1.11	Triple stretch stitch	For stretch sewing, darning, patching, edge finishing and decorative sewing.
	1.1.12	Z-zigzag stitch	For sewing appliqué.
	1.1.13	Honeycomb stitch	Decorative stitch for stretch fabrics and hems. Also used with elastic thread in the bobbin.
	1.1.14	Bridging stitch	Joining fabrics and quilt batting, decorative stitch for quilting, hemstitching.
	1.1.15	Foundation elastic stitch	Joining stitch for undergarments, terry cloth, leather, bulky fabrics where overlapping the seams.
	1.1.16	Crosshem stitch	Elastic decorative hem for stretch fabrics. Also suitable for joining fabrics and quilt batting.
	1.1.17	Blind hem stitch	For sewing blind hems on woven fabrics.
	1.1.18	Elastic blind hem stitch	For sewing blind hems on stretch fabrics.
	1.2.1	Closed overlock	For sewing seams and overcasting stretch fabrics in one step.

Stitch	№	Name	Description
	1.2.2	Closed overlock	For sewing seams and overcasting stretch fabrics in one step.
	1.2.3	Closed overlock	For sewing seams and overcasting stretch fabrics in one step with reinforced edge.
	1.2.4	Elastic overcast	For sewing seams and overcasting stretch fabrics in one step.
	1.2.5	Standard overcast	For sewing seams and overcasting stretch fabrics in one step with reinforced edge.
	1.2.6	Overlock	For sewing seams and overcasting stretch fabrics in one step.
	1.2.7	Light knit fabric patching	For patching and sewing hems in stretch fabrics.
	1.2.8	Closed overlock	For patching, sewing hems, sewing seams and overcasting.
	1.2.9	Closed overlock for stretch	For patching, sewing hems, sewing seams and overcasting in stretch fabrics.
	1.2.10	Stretch knit overlock	For sewing seams and overcasting stretch fabrics in one step.
	1.2.11	Reinforced overlock	For sewing seams and overcasting stretch fabrics in one step.
	1.2.12	Finishing edge overlock	For sewing seams and overcasting stretch fabrics in one step with reinforced edge.
	1.2.13	Overlock	For sewing seams and overcasting stretch fabrics in one step.
	1.2.14	Mock cover hem	Create the look of a serger cover hem for stretch fabrics.
	1.2.15	Mock cover hem	Create the look of a serger cover hem for stretch fabrics.
	1.2.16	Open overlock blind hem	Create decorative overlock blind hem for woven fabrics.
	1.2.17	Closed overlock blind hem	Create decorative overlock blind hem for stretch fabrics.
	1.3.1	Linen buttonhole	Buttonhole for blouses, shirts and linen.
	1.3.2	Standard buttonhole	Basic buttonhole for blouses, shirts and jackets. Also for pillowcases.
	1.3.3	Rounded buttonhole with pointed tack	Buttonhole for garments.
	1.3.4	Rounded buttonhole with lengthwise tack	Buttonhole for garments.
	1.3.5	Rounded buttonhole with crosswise tack	Buttonhole for garments.

Stitch	№	Name	Description
	1.3.6	Eyelet buttonhole with pointed tack	Tailors buttonhole or decorative buttonhole.
	1.3.7	Eyelet buttonhole with lengthwise tack	Tailors buttonhole for jackets and trousers.
	1.3.8	Rounded buttonhole	Buttonhole for light garments or jackets.
	1.3.9	Decorative buttonhole with triangle tack	Decorative buttonhole.
	1.3.10	Stretch buttonhole	Buttonhole for stretch fabrics.
	1.3.11	Cross stitch buttonhole	Decorative buttonhole.
	1.3.12	Decorative buttonhole	Decorative buttonhole.
	1.3.13	Professional eyelet buttonhole	Professional tailors buttonhole for jackets and trousers.
	1.3.14	Decorative eyelet buttonhole	Decorative buttonhole for jackets.
	1.3.15	Decorative eyelet buttonhole	Decorative buttonhole for jackets.
	1.3.16	Decorative eyelet buttonhole	Decorative heirloom buttonhole.
	1.3.17	Decorative round buttonhole	Decorative heirloom buttonhole.
	1.3.18	Decorative round buttonhole with pointed tack	Decorative heirloom buttonhole.
	1.3.19	Button sewing	For sewing on buttons or tacking.
	1.3.20	Bound buttonhole	Foundation stitch for bound buttonhole.
	1.4.1	Eyelet	For belts, laces, heirloom sewing, etc.
	1.4.2	Decorative Eyelet	For belts, laces, heirloom sewing, etc.
	1.4.3	Decorative Eyelet	For belts, laces, heirloom sewing, etc.
	1.4.4	Decorative Eyelet	For belts, laces, heirloom sewing, etc.
	1.4.5	Decorative Eyelet	For belts, laces, heirloom sewing, etc.

Stitch	№	Name	Description
	1.4.6	Decorative Eyelet	For belts, laces, heirloom sewing, etc.
	1.4.7	Programmable darning stitch	To darn or mend small holes, begin stitching over hole, touch reverse for continuous darning and stop.
	1.4.8	Programmable reinforced darning stitch	Darn and mend work clothes, jeans, table cloths and linen towels. Stitch over hole, touch reverse for continuous darning and auto stop.
	1.4.9	Bartack	Reinforce pockets, shirt openings, belt loops as well as at lower end of a zipper.
	1.4.10	Denim bartack	Reinforce pockets, shirt openings, belt loops as well as at lower end of a zipper.
	1.4.11	Decorative bartack	Reinforce pockets, shirt openings, belt loops as well as at lower end of a zipper.
	1.4.12	Cross bartack	Reinforce pockets, shirt openings and belt loops.
	1.4.13	Decorative bartack	Decorative topper for seams and pockets.
	1.4.14	Decorative bartack	Decorative topper for seams and pockets.
	1.4.15	Decorative bartack	Decorative topper for seams and pockets.

Stitch Menu Overview

There are several different stitch menus with stitches for all purposes. For detailed description of a stitch, use the quick help function, see quick help in the built-in user's guide.

Stitch Menu Name	Sub Menus
1 — Utility Stitches See also stitch table for detailed descriptions.	1. Essential stitches 2. Overcast stitches 3. Buttonholes 4. Eyelets and darning stitches
2 — Quilt Stitches	1. Handlook quilt stitches 2. Stippling stitches 3. Crazy patch stitches
3 — Needle Art Stitches	1. Cross stitches 2. Needlework stitches 3. Antique hand embroidery stitches 4. Maxi hand embroidery stitches
4 — Satin Stitches	1. Scallop edges 2. Satin elements 3. Borders
5 — Decorative Stitches	1. Leaves and flowers 2. Art stitches 3. Ornamental stitches 4. Maxi art stitches
6 — Miscellaneous Stitches	1. Bows and hearts 2. Animals 3. Fun stitches
7 — Monogram Stitches	1. Monogram 1 2. Monogram 2
8 — Stitch Techniques	1. Single ribbon stitches 2. Double ribbon stitches 3. Triple ribbon stitches 4. Stacking stitches 5. Floating stitches 6. Radiant stitches 7. Lace edge stitches
9 — Additional Stitches	1. Optional feet stitches 2. Four direction stitches

Alphabets

Stitch fonts are available in Block, Comic, Cyrillic, Grand, Outline and Script alphabets.



Preparations

Unpacking Machine and Embroidery Unit

After lifting the machine out of the box and removing all packing material and the plastic bag, wipe the machine, particularly around the needle and needle plate to remove any oil before sewing.

When unpacking the embroidery unit, do not throw away the black styrofoam inside the embroidery unit carrying bag, as this is designed for storing the embroidery unit when not in use.

Note: The machine is delivered with a red safety catch attached to the presser foot bar. Remove the safety catch before sewing.

*Note: Your **creative icon™ 2** machine is adjusted to provide the best stitch result at normal room temperature. Extreme hot and cold temperatures can affect the sewn results.*

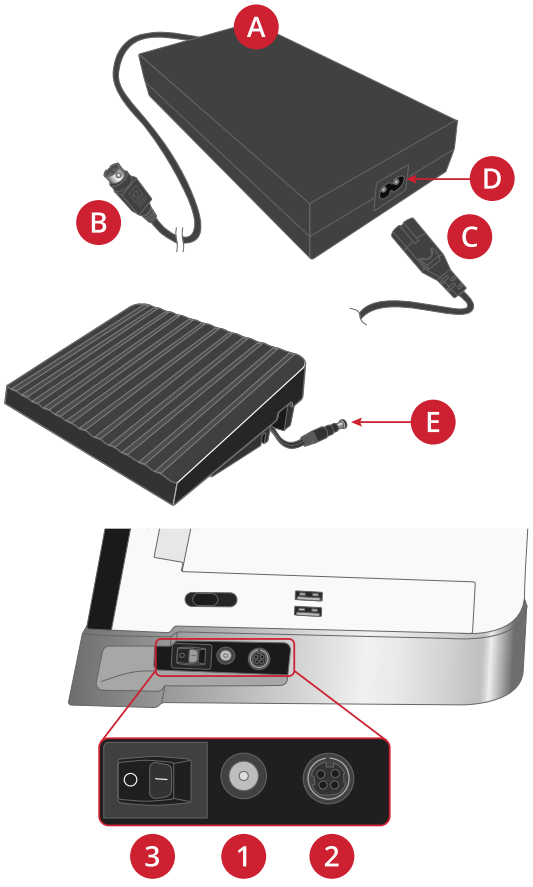
Connect the Power Cord and Foot Control

Among the accessories you will find the power cord and the foot control.

For this sewing machine, foot control model FR5 manufactured by Shanghai Binao Precision Mould Co., Ltd, China must be used.

The power cord has a power supply unit (PSU) (A). The fixed cord (B) attached to the PSU unit, should be connected to the sewing machine. The loose cord (C) should be connected to the socket (D) in the PSU unit and then to the wall socket.

Note: Only use the power supply unit and cord supplied with your machine (item no 68015515). No other cord can be used. If the cord is damaged or lost, make sure to replace it with the same type of cord, available at an authorized PFAFF® Dealer.



- Pull out the cord (E) from the foot control. Connect the foot control cord to the socket (1) on the bottom right side of the machine.

  Note: Before plugging in the foot control, check to ensure that it is type "FR5" (see underside of foot control).

- Connect the cord (B) to the rear socket (2) on the bottom right side of the machine. Plug the power cord into the wall socket.
- Press the ON/OFF switch (3) to "I" to turn on power and light.

Pack Away After Sewing

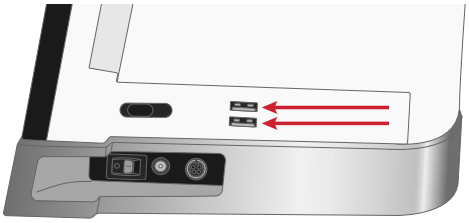
1. Press the ON/OFF switch to "O".
2. Unplug the cord from the wall socket and then from the machine.
3. Unplug the foot control cord from the machine. Pull the cord gently and release. The cord will retract into the foot control.
4. Place all accessories in the accessory tray. Slide the tray on to the machine around the free arm.
5. Place the foot control in the space above the free arm.
6. Put on the soft cover.

Tip: The user's guide and power cord can be stored in the back pocket of the soft cover.

USB Ports

Your machine has two USB ports for connecting USB devices such as a memory stick. USB plugs can only be inserted one way – do not force them into the ports! To remove, carefully pull the USB device out straight.

Note: Make sure that the USB stick you use has the format FAT32.



Using a USB device

The external device button in file manager is only active when a device is connected to a machine USB port.

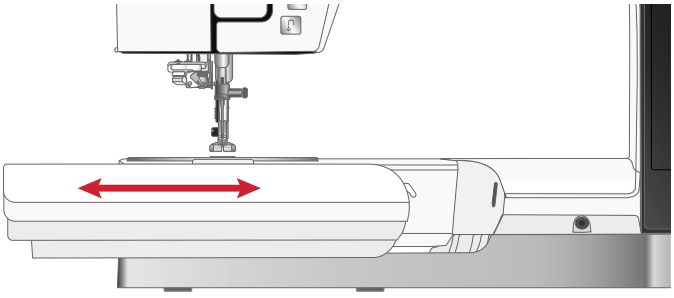
Note: Do not remove the USB device if a loading spinner is shown on the screen or while the file manager is shown. Removing the device at that time can damage the files on your USB device.

LED Lights

Your machine has LED lights which distribute the light evenly over the sewing area and eliminate shadows. You can adjust the brightness of the light in the settings menu, see Machine Settings LED work light brightness in the built-in user's guide.

Free Arm

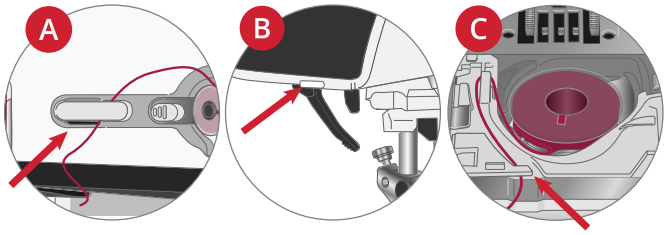
To use the free arm, slide off the accessory tray. When attached, a hook keeps the accessory tray locked to the machine. Remove the tray by sliding it to the left.



Manual Thread Cutter

There are three manual thread cutters on your machine.

- The first one (A) is close to the bobbin winder spindle for cutting the thread before and after winding.
- The second one (B) is on the left side of the machine for manually cutting top and bobbin thread. Pull both threads into the cutter from the back to the front and pull down quickly.
- The third one (C) is next to the bobbin area for cutting the bobbin thread after placing the bobbin in the machine.



Thread Sensor

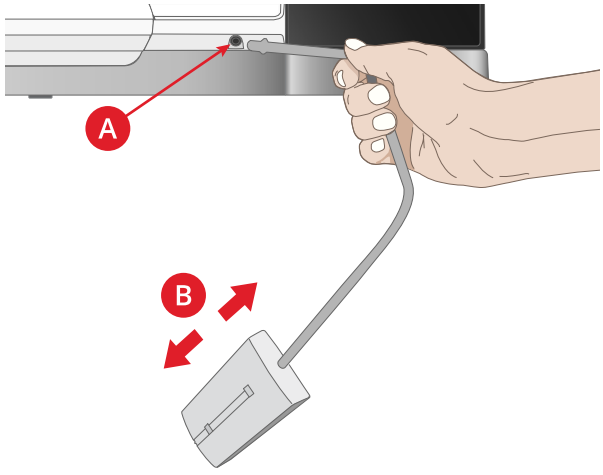
If the needle thread breaks or bobbin thread is running low, the machine stops and a pop-up appears on the screen.

If needle thread breaks: Remove the thread completely, re-thread the machine and touch OK in the pop-up.

If bobbin thread is running low: You can continue sewing without closing the pop-up before the bobbin thread runs out completely. This gives you an opportunity to plan where to stop and change the bobbin. When the bobbin is replaced with a full one, touch OK in the pop-up.

Knee-Lift

Your machine comes with an electronic knee-lifter that allows you to lift the presser foot with your knee. The knee-lifter is very helpful when sewing, since it allows you to handle the fabric with your hands while your knee lifts the presser foot to the desired height.



Match the ribs on your knee-lifter with the notches in the knee-lifter socket (A). Carefully push the knee-lifter into the socket. Adjust the rectangular bar on the knee-lift until it is positioned at a comfortable height for you (B).

Press your knee towards the knee-lifter and to the right, and the presser foot will raise. You can raise the presser foot to three positions with your knee-lifter; pivot height, up, and extra lift position.

When moving the presser foot to the extra lift position, the machine drops the feed teeth, allowing you to easily place thick fabrics underneath the presser foot. The feed teeth will raise automatically when you start to sew.

To remove the knee-lift, just pull it straight out of the socket.

Speed Control Slider

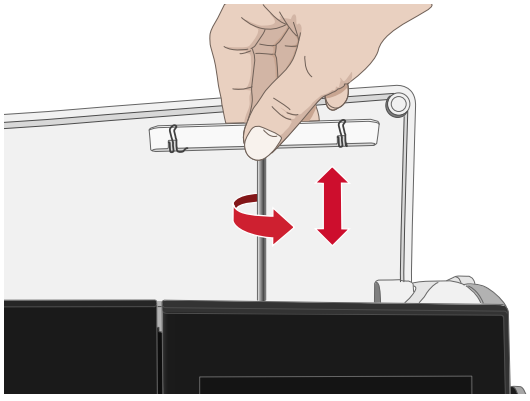
The speed control slider sets the maximum sewing speed. To increase sewing speed, slide the slider up, to decrease sewing speed, slide the lever down.



A pop-up appears on screen when adjusting the slider, indicating which speed level is set. The speed setting is also shown in the information area.

Telescopic Thread Guide

The telescopic thread guide is always used when threading your machine for sewing/embroidery and bobbin winding. The telescopic thread guide helps straighten the thread, preventing it from tangling or breaking. The thread guide together with the vertical spool pins make it possible to successfully use very large thread cones.



Extending and Retracting the Telescopic Thread Guide

Hold the telescopic thread guide as illustrated and pull it straight up, turn it until it clicks into place.

To retract, hold the thread guide and push it straight down.

Spool Pins

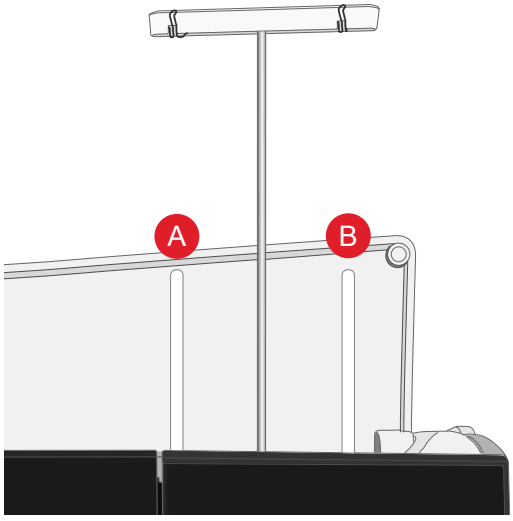
Your machine has two spool pins; a main spool pin and an auxiliary spool pin. The spool pins are designed for all types of thread.

Use the main spool pin (A) when threading the upper thread and for bobbin winding through the needle. For regular sewing and embroidery thread, use the main spool pin in vertical position. Place the spool pin in the horizontal position if you want to keep the machine threaded and close the lid when you have finished sewing. Remember to place the spool pin back in the vertical position when you start to sew/embroider again.

Note: Tilting the spool pins is not possible with large thread spools or cones.

You may get better results if you tilt the spool pin to the horizontal position when using small spools of specialty thread. See Threading Tips and Hints, page 33.

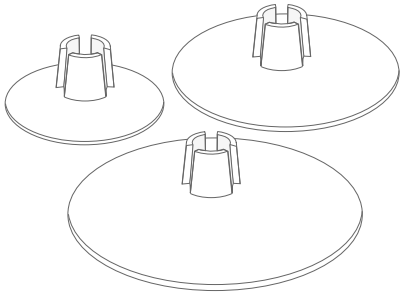
Use the auxiliary spool pin (B) when winding a bobbin from a second spool of thread or for a second spool when sewing with a twin needle.



Main spool pin (A) and auxiliary spool pin (B)

Spool Caps

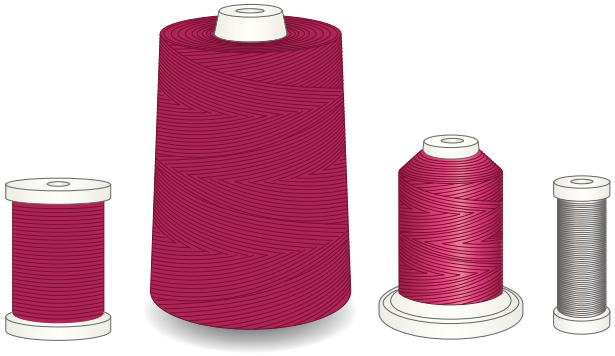
Spool caps in three sizes are included with your machine. For most types of thread spools, no spool cap is needed except when the thread on the spool is running low. If the thread is snagging on the top of the thread spool, place a spool cap on top. Always use a spool cap slightly larger than the thread spool to prevent the thread from snagging. The flat side of the spool cap should be pressed firmly against the spool. There should be no space between the spool cap and the thread spool.



Threads

There are many threads on the market today developed for different purposes.

Your **creative icon™ 2** machine is designed for all types of threads and spool sizes. See Threading Tips and Hints, page 33 for information on achieving optimal results with different types of thread and different sizes/styles of thread spools.



All Purpose Sewing Thread

All purpose sewing thread is made of synthetic, cotton or cotton covered polyester. This type of thread is used for most sewing projects, including garments, home decor, and quilting.

Embroidery Thread

Embroidery thread is made from a variety of fibers: rayon, polyester, acrylic or metallic. These threads create a smooth glossy appearance for embroidery and other decorative stitching.

Embroidery thread is not typically used in the bobbin unless both sides of the project will be seen. A light weight, embroidery bobbin thread is often used in the bobbin instead. The lighter weight thread does not build up under the embroidery.

Note: When using a metallic or a flat film thread for embroidery, you may need to use a needle with a larger eye and lower the embroidery speed.

Transparent Thread

Transparent thread, also called monofilament thread, is a single clear synthetic thread. It is used for quilting and other sewing techniques. When winding a bobbin, wind at half speed and fill the bobbin half full.

Needles

The sewing machine needle plays an important role in successful sewing. Use only quality needles. We recommend needles of system 130/705H. The needle package included with your machine contains needles of the most frequently used sizes.

⚠ *Be sure to match the needle to the thread you are using. Heavier threads require a needle with a larger needle eye. If the needle eye is too small for the thread the automatic needle threader may not work properly.*

Universal Needle

Universal needles have a slightly rounded point and come in a variety of sizes. For general sewing in a variety of fabric types and weights.



Stretch Needle

Stretch needles have a special scarf to eliminate skipped stitches when there is a flex in the fabric. For knits, swimwear, fleece, synthetic suedes and leathers.



Embroidery Needle

Embroidery needles have a special scarf, a slightly rounded point and a slightly larger eye to avoid damage to thread and materials. Use with metallic and other specialty threads for embroidery and decorative sewing.



Denim Needle

Denim needles have a sharp point to penetrate tightly woven fabrics without deflecting the needle. For canvas, denim, microfibers.



Wing Needle

Wing needles have wide wings on the side of the needle to poke holes in the fabric when sewing entredeux and other hemstitches on natural fiber fabrics.

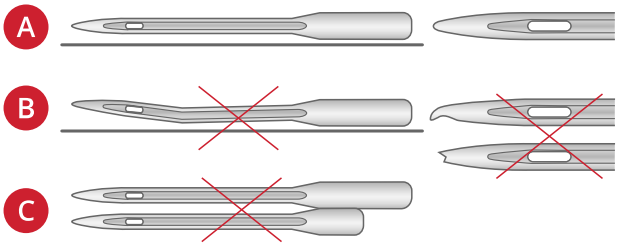


Important Needle Information

Change the needle often. Always use a straight needle with a sharp point (A).

A damaged needle (B) can cause skipped stitches, breakage or snapping of the thread. It can also damage the needle plate.

Do not use asymmetrical twin needles (C), they can damage your sewing machine.

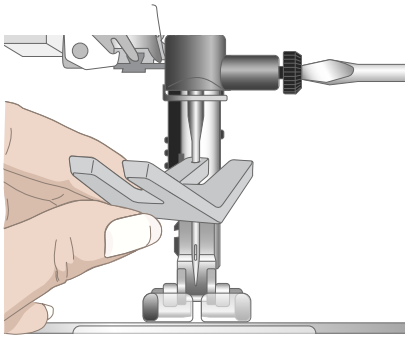


Changing the Needle

1. Use the hole in the multipurpose tool to hold the needle.
2. Loosen the needle screw.
3. Remove the needle.
4. Insert the new needle using the multipurpose tool. Push the new needle upwards with the flat side away from you until it will go no further.

   Note: It is very important that the needle is inserted all the way in order for the automatic needle threader to work properly.

5. Tighten the needle screw carefully.

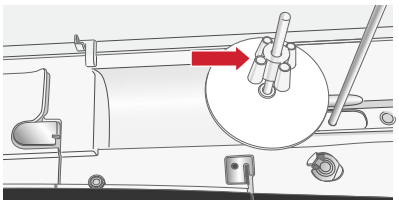


Threading

Make sure that the presser foot and needle are in the up position.

Note: When using thread cones, place a cone holder on the spool pin before placing the thread cone. This prevents the thread cone from wobbling.

Tip: When removing the thread cone from the spool pin, the cone holder might become stuck inside the thread cone. Push it out gently from the top.

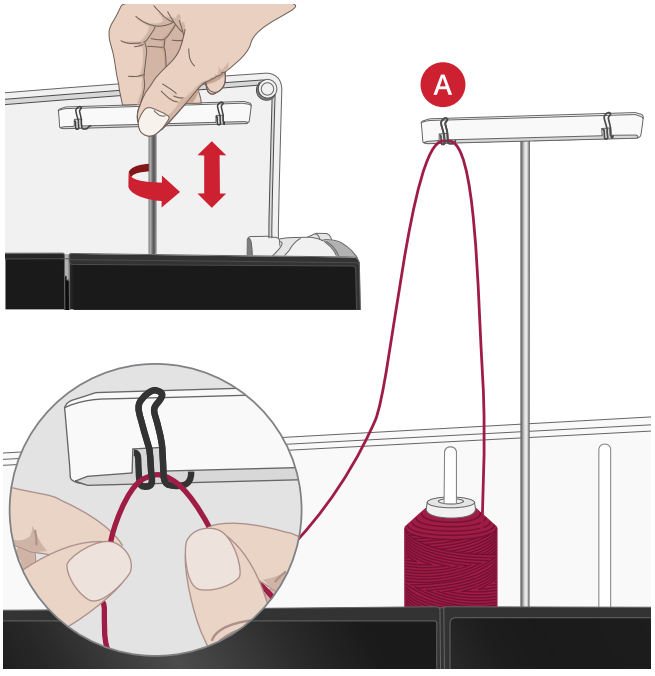


Threading the Upper Thread

For most regular thread qualities and spool sizes, threading the upper thread from the main (left) spool pin in the vertical position is recommended for optimal sewing results.

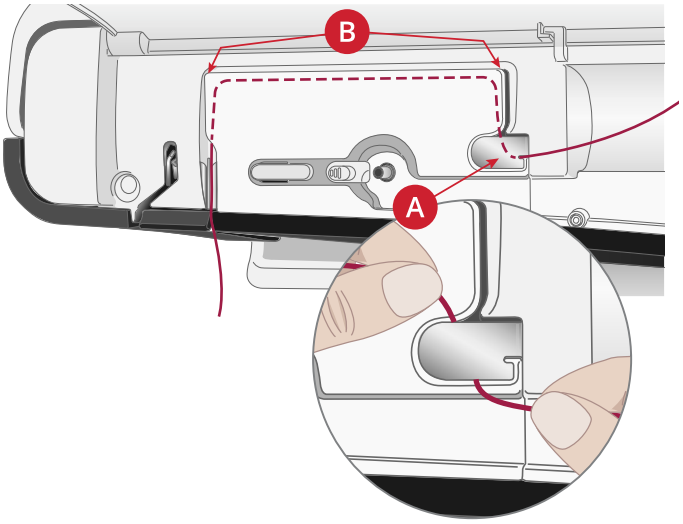
If you experience problems with the thread or sewing result, there are alternative ways to position the thread spool. See Threading Tips and Hints, page 33.

1. Hold the telescopic thread guide and pull it straight up until it clicks into place.
2. Raise both spool pins to vertical position. Place the thread spool on the main spool pin (left).
   Using both hands, place the thread behind the left clip on the telescopic thread guide (A). The thread should run from right to left.



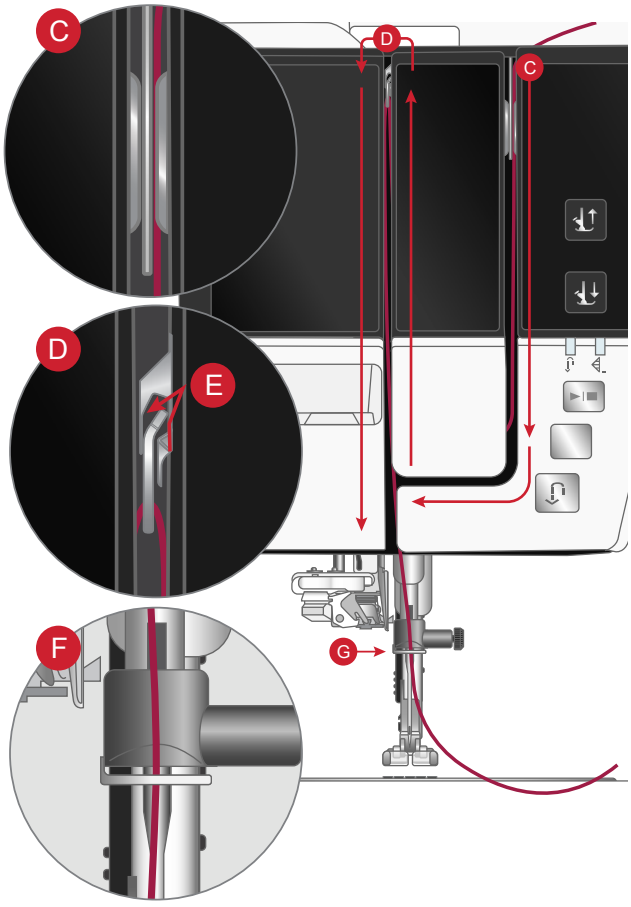
3. Hold the thread with two hands as illustrated. Floss the thread under the thread guide (A) from front to back. Pull thread back into and through threading slot (B).

   Note: Continue to hold the thread lightly next to the thread guide (A) throughout the threading process. This will create a bit of tension on the thread and ensure that the thread is properly seated in the threading path.



4. Pull the thread between the thread tension discs (C). Thread down through the right threading slot and then upwards through the left threading slot. Bring the thread from the right into the take-up lever (D) until it clicks into place (E), and down in the left threading slot to the last thread guide (F) just above the needle.
5. Thread the needle using the automatic needle threader or manually.

   ⚠ *Before using the automatic needle threader, carefully read the instructions and recommendations, see Using the Automatic Needle Threader, page 29.*

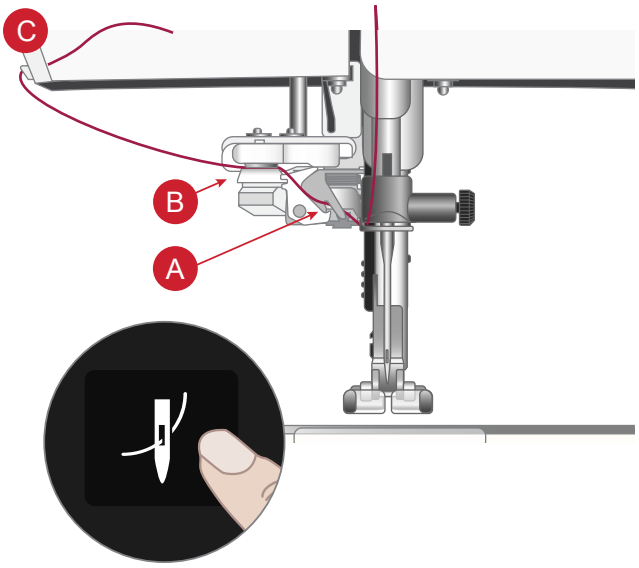


Automatic Needle Threader

Using the Automatic Needle Threader

The needle threader allows you to thread the needle automatically by simply touching a button.

Make sure that the needle is inserted correctly and pushed up all the way into the needle clamp before using the automatic needle threader. Check that the needle is not damaged or bent, and make sure to match the thread weight and needle size according to our recommendations in Selecting Correct Thread/ Needle Combination, page 29.



1. Place the thread under the hook (A) and pull it between the discs (B) until it "clicks" into place.
2. Pull the thread up to the sewing head thread cutter and cut excess thread by pulling the thread from back to front in the thread cutter (C).
3. Touch the automatic needle threader button. The presser foot is automatically lowered during the threading sequence, and will rise again when threading is finished.

The needle threader is designed to be used with needles size 70-120. You cannot use the needle threader with needles size 65 or smaller, wing needles, twin needles or triple needles.

Specialty threads such as invisible and other stretchy threads, metallic or flat metallic threads, and some heavy weight threads may not be caught correctly by the hook on the automatic needle threader. If this happens, the needle will not be threaded. Try using the automatic needle threader again or thread the needle manually.

When threading the needle manually, make sure that the needle is threaded from front to back.

*The automatic needle threader cannot be used with all optional accessories available for your **creative icon™ 2** machine. To avoid damage to the needle threader and/or optional accessory we recommend using the automatic needle threader before attaching the accessory or thread the needle manually.*

Selecting Correct Thread/Needle Combination

The combination of the thread weight and the needle size is extremely important when using the automatic needle threader. Unsuitable combinations, such as using a heavy weight thread for a fine needle, may cause damage to the needle threader.

Avoid using fine needles with heavy fabrics to reduce the risk of bending the needle. Using the automatic needle threader with a bent needle may cause damage to the needle threader.

Fabric		Thread	Needle
Woven light	Chiffon, organza, batiste, challis, crepe de chine, etc.	Light weight threads: • fine cotton, polyester or silk sewing thread • rayon embroidery thread	Universal 130/705H 70/10-80/12
Woven medium	Calico, quilting fabrics, crepe, broadcloth, velvet, etc.	Medium weight threads: • fine/normal cotton or polyester sewing thread • rayon embroidery thread	Universal 130/705H 80/12-90/14
Woven heavy	Denim, tweed, canvas, terrycloth, etc.	Medium/heavy weight threads: • normal cotton or polyester sewing thread • top stitching thread • rayon embroidery thread	Universal 130/705H 90/14-110/18
Stretch light	Tricot, single knit jerseys, etc.	Light weight threads: • fine cotton or polyester sewing thread • rayon embroidery thread	Stretch 130/705H-S 75/11
Stretch medium	Sweater knits, double knit, velour, swimwear, etc.	Medium weight threads: • normal cotton or polyester sewing thread • rayon embroidery thread	Stretch 130/705H-S 90/14
Stretch heavy	Sweater knits, fleece, etc.	Medium weight threads: • normal cotton or polyester sewing thread • rayon embroidery thread	Stretch 130/705H-S 90/14
Leather	Suede and leather	Medium weight threads: • normal cotton or polyester sewing thread • rayon embroidery thread	Stretch 130/705H-S 90/14
Vinyl	Vinyl, faux leather and suede	Medium weight threads: • normal cotton or polyester sewing thread • rayon embroidery thread	Universal 130/705H 80/12

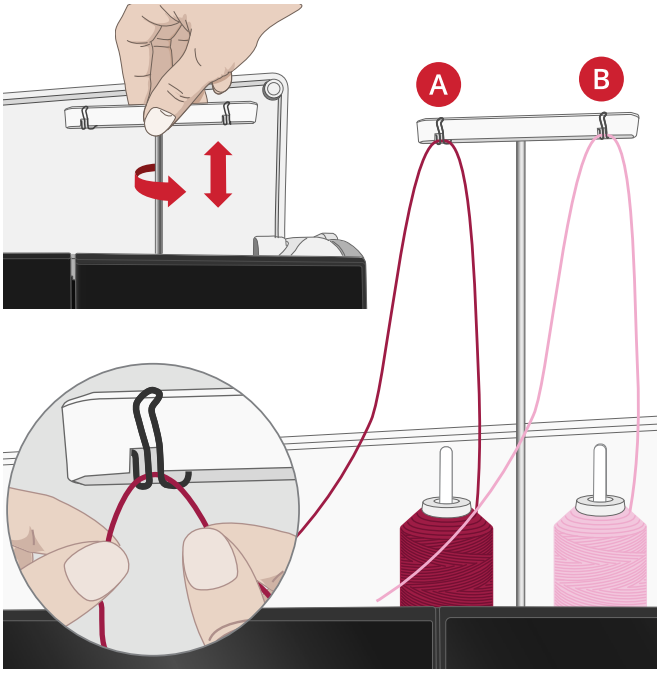
Note: Specialty fabrics and threads may require a special needle for best stitch results. Refer to your PFAFF® retailer for more information on needle types and sizes for your sewing needs.

Threading for Twin Needle

Replace the sewing needle with a twin needle. Make sure that the presser foot and needle are in the up position.

Note: Do not place the thread from the auxiliary spool pin behind both clips on the telescopic thread guide, as this will create too much thread tension.

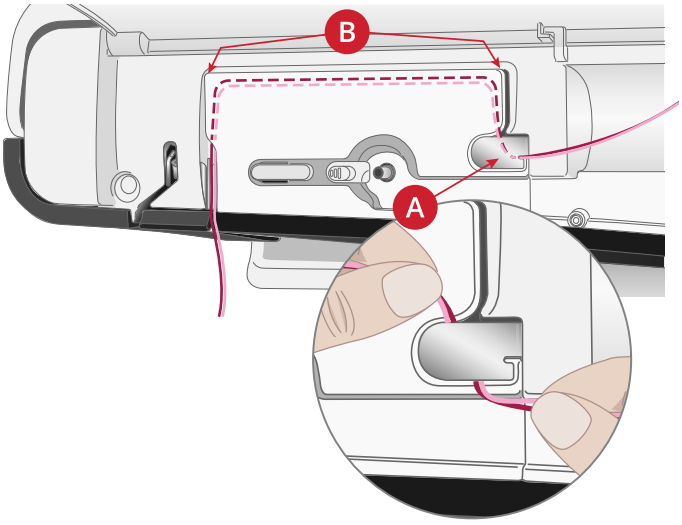
1. Raise both spool pins to vertical position. Place a thread spool on each spool pin.
   Using both hands, place the thread from the main spool pin behind the left clip on the telescopic thread guide (A), from right to left, and then place the thread from the auxiliary spool pin behind the right clip on the telescopic thread guide (B), from right to left.



Note: When using large thread cones on the auxiliary spool pin, place the large spool holder with the flat side up and a cone holder on the spool pin before adding the thread cone.

2. Hold both threads with two hands as illustrated. Floss the threads under the thread guide (A) from front to back. Pull the threads together back into and through threading slot (B).

   Note: Continue to hold the threads lightly next to the thread guide (A) throughout the threading process. This will create a bit of tension on the threads and ensure that the threads are properly seated in the threading path.

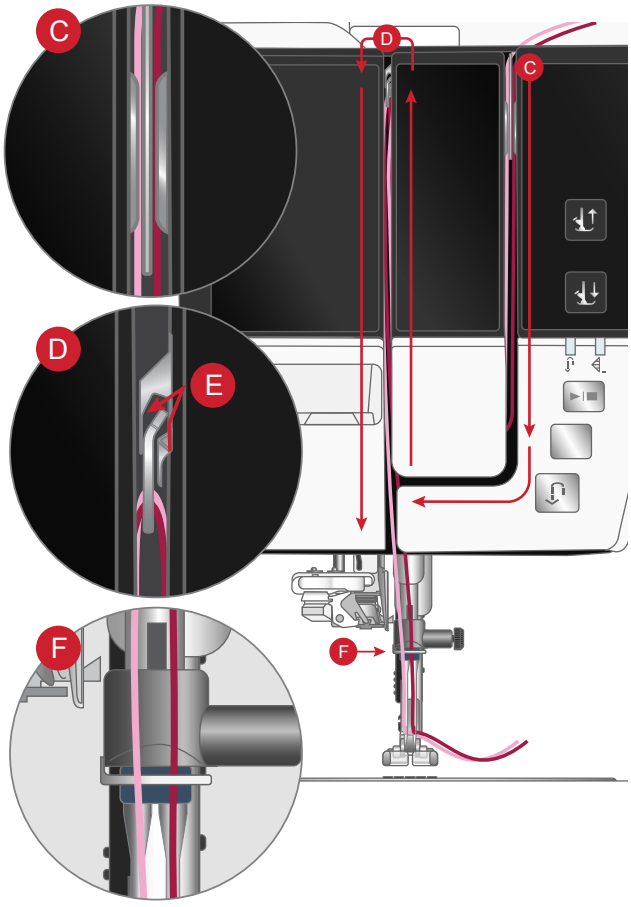


3. Pull the threads between the thread tension discs (C). Make sure that you place one thread to the left and one to the right side of the tension discs. Thread down through the right threading slot and then upwards through the left threading slot. Bring the threads from the right into the take-up lever (D) until they click into place (E), and down in the left threading slot. One thread should be placed inside the needle thread guide (F) and the other one outside. Make sure the threads do not become twisted together.

4. Thread the twin needle manually.

   ⚠ *Do not use the automatic needle threader for twin needle!*

   Note: The weight and irregular surface of specialty threads such as metallic increases the amount of friction on the thread. By reducing the tension, the risk of needle breakage and thread breakage is reduced.



Threading Tips and Hints

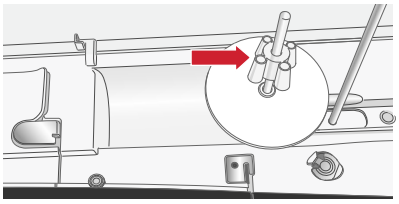
There are many threads on the market today developed for different purposes. The quality and structure of the thread as well as the shape and size of the thread spool can affect the behavior of the thread. Threads can also behave differently if the spool is full or nearly empty.

If experiencing problems, try the tips and hints below.

Note: Always test sew on a scrap piece of fabric to check the sewing result.

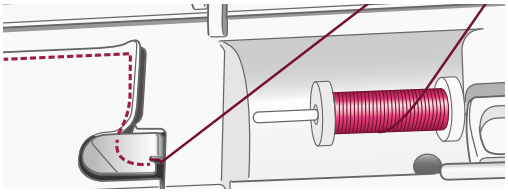
Note: When using thread cones, place a cone holder on the spool pin before placing the thread cone. This prevents the thread cone from wobbling.

Tip: When removing the thread cone from the spool pin, the cone holder might become stuck inside the thread cone. Push it out gently from the top.



If the thread tangles or curls when unwinding from the spool

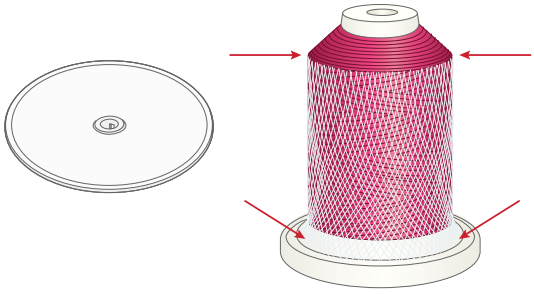
For smaller spools of specialty thread, the main spool pin can be used in tilted position, allowing the thread to roll off the spool.



Place the thread spool on the spool pin. Do not place a spool cap on top of the spool as it may prevent the spool from rotating. Pull thread up to the telescopic thread guide and thread as described under Threading the Upper Thread, page 27.

If the thread slides down on the standing thread spool

If the thread is of a quality that unwinds easily and slides down on the standing thread spool it can get caught under the thread spool around the spool pin and break. Place the large spool holder on the spool pin with the flat side up before placing the thread spool.

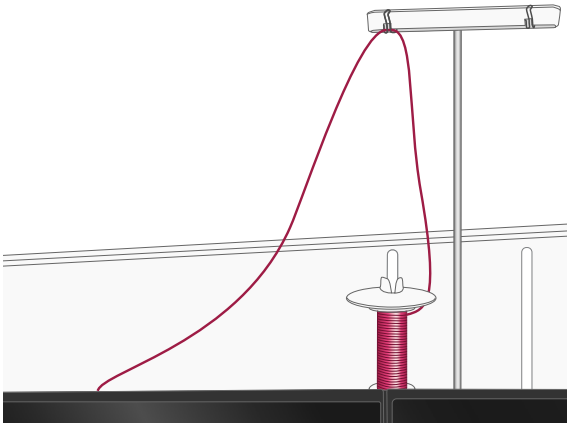


If the thread spool has the same diameter as the large spool holder, place a thread net as illustrated from below over the spool before placing it on the spool pin.

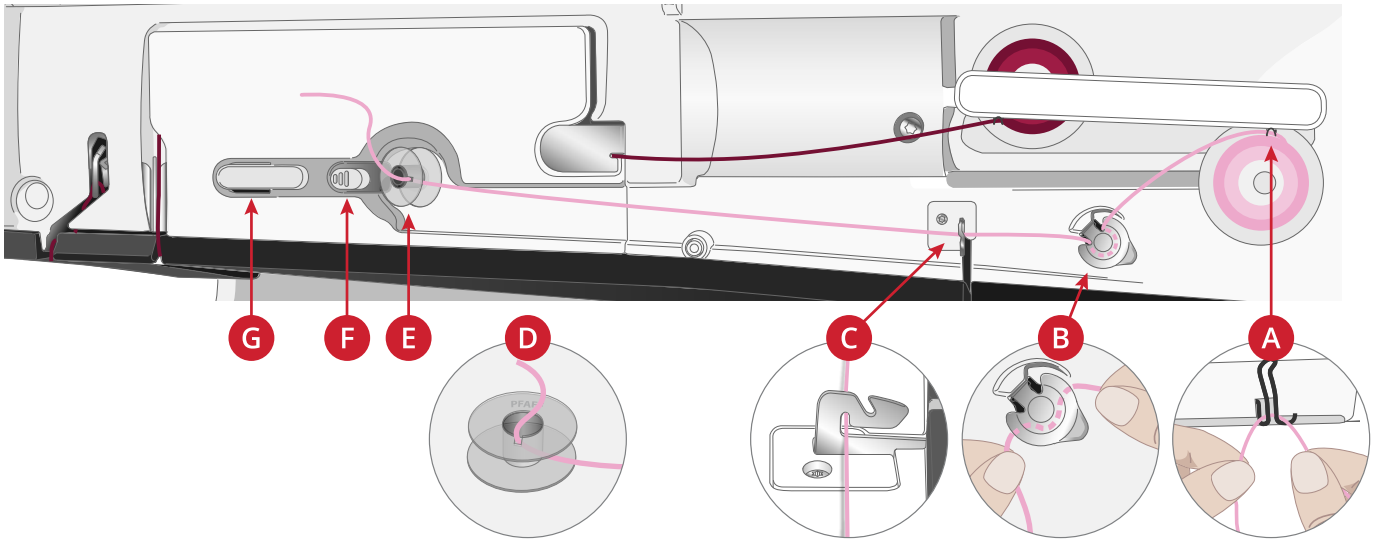
Note: To prevent snagging or increased thread tension on the thread, the thread net should cover the lower part of the thread spool only, not the top where the thread spool narrows.

If the thread spool is pulled up on the spool pin

When the thread on the spool is running low, the thread can snag on the edge of the spool and pull the spool up on the spool pin. Place a spool cap on top of the thread spool to keep it in place. Always use a spool cap slightly larger than the thread spool to prevent the thread from snagging. The flat side of the spool cap should be pressed firmly against the spool. There should be no space between the spool cap and the thread spool.



Bobbin Winding



All types of thread, including specialty threads such as invisible or other stretchy threads, metallic or flat metallic threads, should be wound directly from the auxiliary spool pin without passing the needle and presser foot.

Note: Always wind specialty threads at lower speed.

1. Place a thread spool on the auxiliary spool pin.

   Using both hands, pull the thread behind the right clip on the telescopic thread guide (A). The thread should run from right to left.

2. Bring the thread through bobbin winding thread tension guide (B) from back to front and to the left.

   Bring the thread through bobbin winding thread guide (C) as illustrated.

   ⚠ *For some specialty threads, following the normal threading path will result in a bobbin that is wound too tight. If this happens, bypass thread tension (B) to reduce the amount of tension on the thread. Pull the thread from thread guide (A) directly to the bobbin instead.*

3. Thread through the slot in the bobbin (D) from the inside to the outside.

   Place the bobbin on the bobbin spindle (E). The bobbin only fits on one way, with the logo facing out.

   ⚠ *The bobbins included are designed especially for your **creative icon™ 2** machine. Do not use bobbins from other machine models.*

4. Push the bobbin winding lever (F) towards the bobbin. A pop-up appears on screen. To adjust winding speed drag the slider. Hold the thread end firmly when starting to wind. Touch the play button in the popup window and let the thread wind a few turns. Touch the pause icon and cut the loose thread end close to the bobbin. Press play again.

5. When the bobbin is full, the bobbin winding lever will move back and the winding will stop automatically. The pop-up message closes. Remove the bobbin and cut the thread using the bobbin winding thread cutter (G).

Winding Through the Needle

When using the same thread in the needle and bobbin, it is convenient to wind a new bobbin directly through the needle without having to unthread/re-thread your machine.

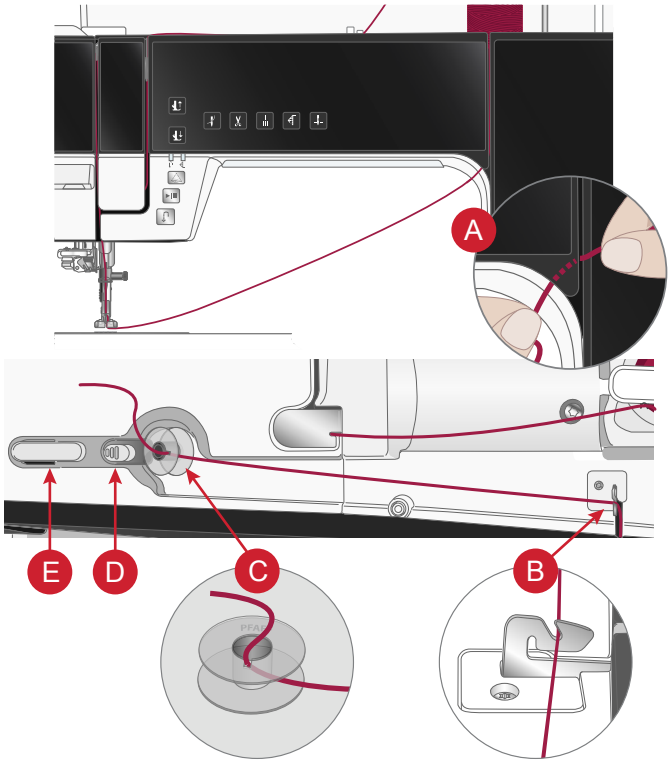
⚠ *We do not recommend winding speciality threads such as invisible or other stretchy threads, metallic or flat metallic threads through the needle. Very heavy and coarse threads should not be wound through the needle either as the thread tension can become too high, causing the needle to break. Wind specialty threads as described under Bobbin Winding, page 34.*

1. Make sure that the presser foot and needle are in the up position.
2. Thread the machine as described under Threading the Upper Thread, page 27.
3. Pull the thread from the needle, under the presser foot and up to the right.

   Note: Always use a metal presser foot when bobbin winding from the needle.

4. Use both hands to bring the thread through bobbin winding thread guide (A), up through the threading slot and from left to right through thread guide (B).
5. Thread through the slot in the bobbin (C) from the inside to the outside.
   Place the bobbin on the bobbin spindle. The bobbin only fits on one way, with the logo facing out.

   ⚠ *The bobbins included are designed especially for your **creative icon™ 2** machine. Do not use bobbins from other machine models.*



6. Push the bobbin winding lever (D) towards the bobbin. A pop-up appears on screen. To adjust winding speed drag the slider. Hold the thread end firmly when starting to wind. Touch the play button in the popup window and let the thread wind a few turns. Touch the pause icon and cut the loose thread end close to the bobbin. Press play again.

   Note: Always use a metal presser foot.

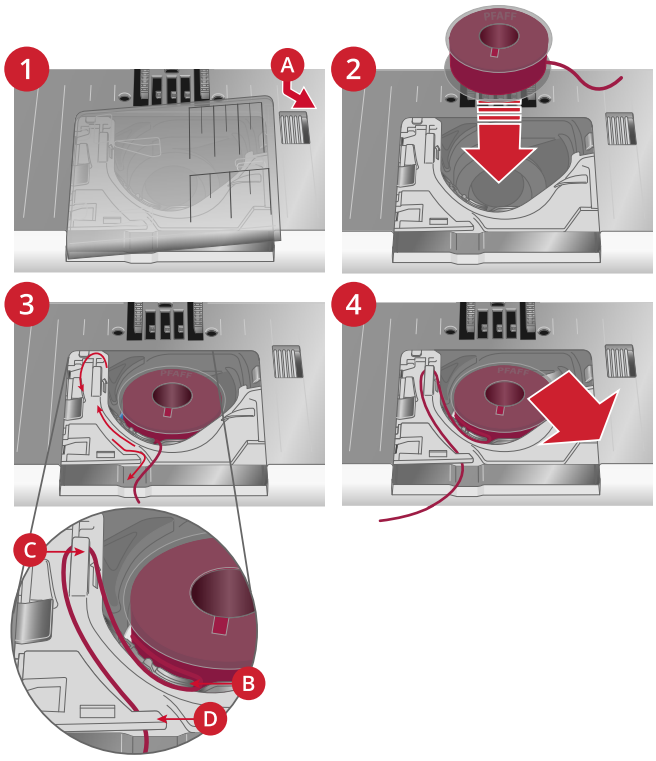
7. When the bobbin is full, the bobbin winding lever will move back and the winding will stop automatically. The pop-up message closes. Remove the bobbin and cut the thread using the bobbin winding thread cutter (E). Cut the free thread end close to the bobbin.

Note: If you experience difficulty winding a bobbin through the needle and you are using a large thread cone, move the cone to the auxiliary spool pin and use the right clip on the telescopic thread guide instead. Place the large spool holder with the flat side up and a cone holder on the auxiliary spool pin before adding the thread cone.

Inserting the Bobbin

Use only the bobbins designed for your ***creative icon™ 2*** *machine.*

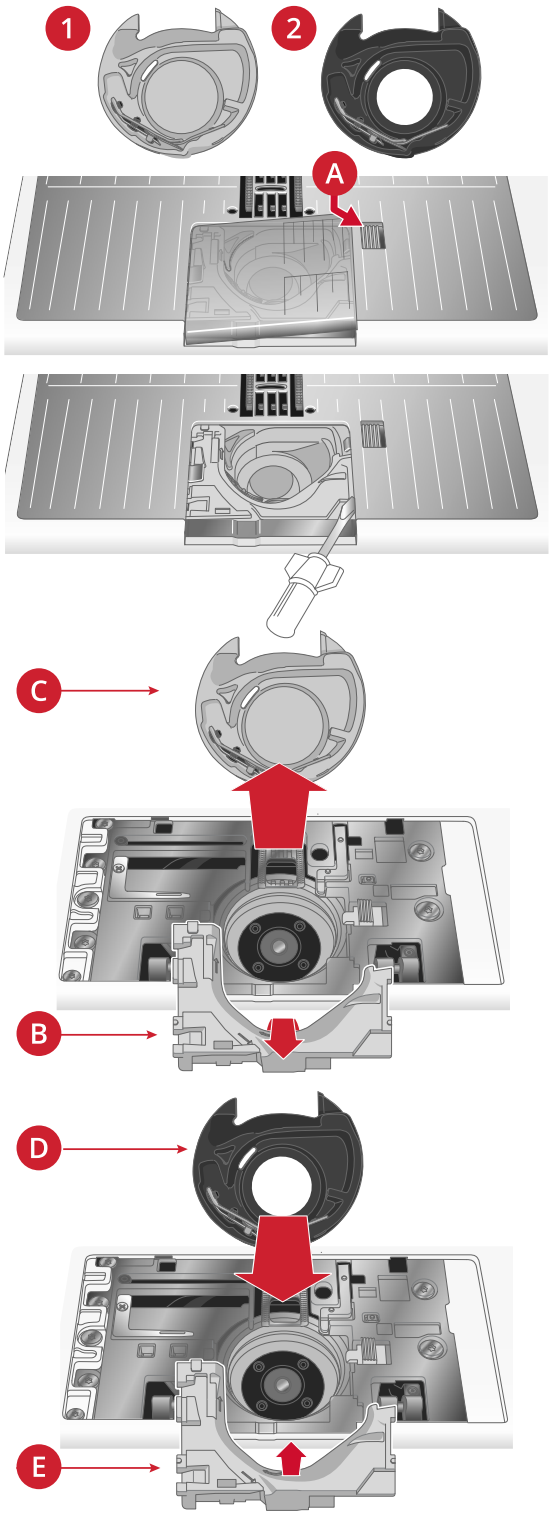
1. Open the bobbin cover by pushing the release button (A) to the right. Remove the cover.
2. Place the bobbin in the bobbin case. It drops in only one way with the logo facing up. The bobbin will then rotate counterclockwise when you pull the thread.
3. Place your finger on the bobbin to keep it from turning as you pull the thread firmly to the right and then to the left into the tension spring (B) until it "clicks" into place. Continue threading around (C) and to the right of the thread cutter (D).
4. Replace the bobbin cover. Pull the thread to the left to cut.



Changing the Bobbin Case

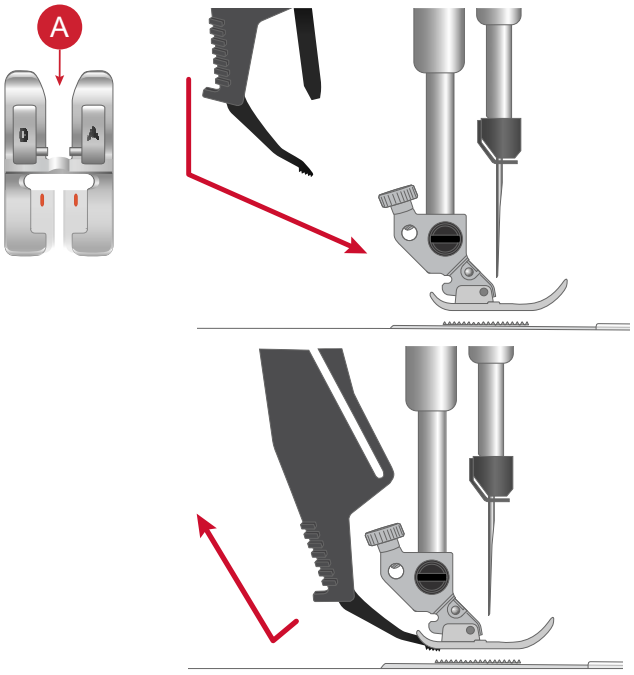
The **creative icon™ 2** comes with two different bobbin cases. Bobbin case (1) is mounted on the machine at delivery and is used for most sewing and embroidering. The second bobbin case (2), is the Straight Stitch Bobbin Case. This bobbin case is recommended to use when sewing a straight stitch that has moved its needle position to the left. A symbol will be shown in the information area on your screen when the Straight Stitch Bobbin Case is recommended.

1. Remove the presser foot. Open the bobbin cover by pushing the release button (A) to the right. Remove the cover.
2. Place the screwdriver under the needle plate as shown and gently turn the screwdriver to pop off the needle plate.
3. Remove the bobbin case holder (B) covering the front part of the bobbin case by lifting it up. Remove the bobbin case (C) by lifting it up.
4. Replace the bobbin case (D) and place the bobbin case holder (E) back in place. Attach the needle plate.



IDT™ System (Integrated Dual Feed)

For sewing any fabric precisely, the PFAFF® **creative icon™ 2** machine provides the ideal solution: the integrated dual feed, IDT™ system. As on industrial machines, the IDT™ system feeds the fabric from the top and bottom at the same time. The material is fed precisely, eliminating puckering on seams in light weight fabrics such as silk and rayon. The dual feed action of the IDT™ system prevents layers from shifting while sewing, keeping quilt layers aligned and ensuring a more perfect match when sewing plaid or striped fabrics.



Engaging the IDT™ System

Important: For all work with the IDT™ system, use presser feet with the center back cut-out (A).

Raise the presser foot to extra high position. Pull the IDT™ system down until it engages.

Note: Your machine is equipped with an IDT sensor which will alert you if you should engage or disengage the IDT™ system.

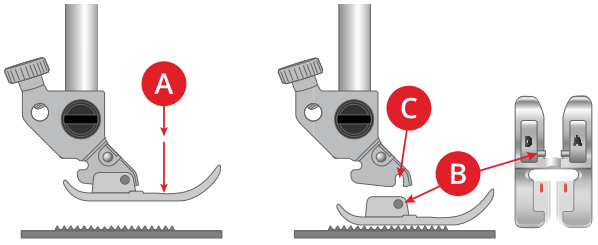
Disengaging the IDT™ System

Raise the presser foot. Hold the IDT™ system with two fingers at the ribbed ankle. Pull the IDT™ system down, then pull it away from you to release the IDT™ system slowly upward.

Changing the Presser Foot

Remove Presser Foot

Press the presser foot downwards until it disengages from the presser foot holder.



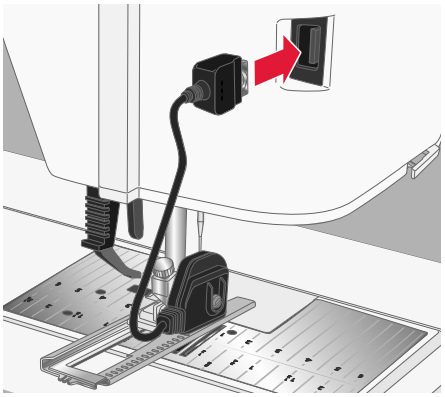
Attach Presser Foot

Line up the pins on the foot with the gap underneath the presser foot holder. Press upwards until the foot snaps into place.

You can also use the presser foot up/down buttons to raise or lower the presser foot holder. Place the presser foot under the presser foot holder, so that the pins of the foot snap onto the presser foot holder when lowered.

Attaching the Sensormatic Buttonhole Foot

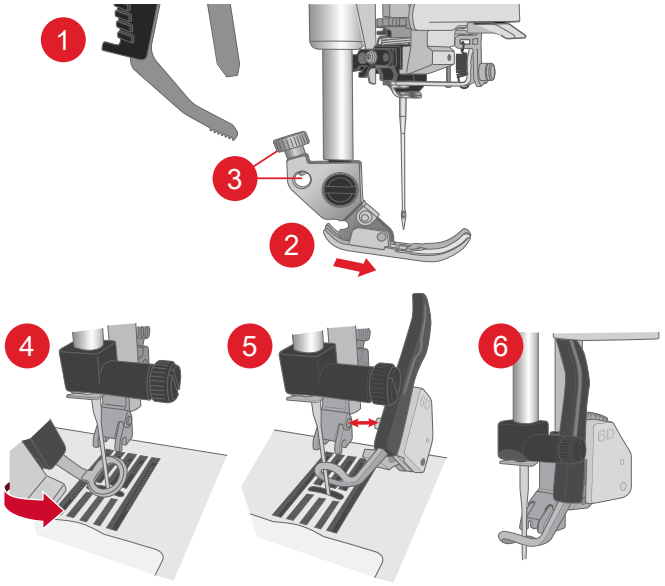
1. Snap on the Sensormatic Buttonhole Foot.
2. Insert the plug, with the three dots facing out, into the accessory socket at the back of the sewing head.



Attaching the Dynamic Spring Foot 6D

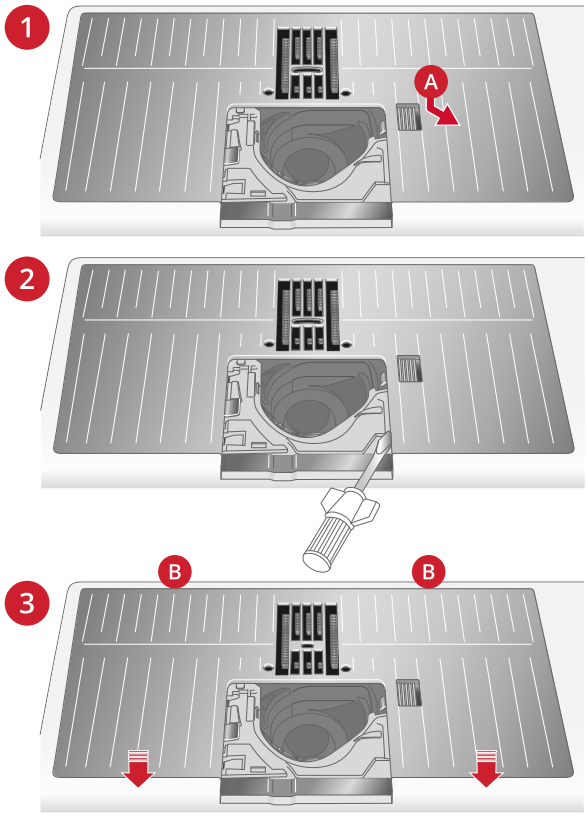
1. Disengage the IDT™ system.
2. Remove the standard presser foot.
3. Carefully loosen the screw until the cross-hole of the presser foot holder is accessible.
4. Hold the foot in front of the needle. Turn the hand wheel to lower the needle into the hole of the foot and through the needle plate.
5. Turn the foot behind the needle screw and insert the pin of the foot into the cross-hole of the presser foot holder.
6. Push the foot into the hole as far as it will go while tightening the screw.

To remove the embroidery foot loosen the screw, squeeze the embroidery foot together and pull it out to the right. Tighten the screw.



Changing to Straight Stitch Plate

The Straight Stitch Plate is recommended for embroidery. It may also be used for certain techniques in sewing mode, such as quilt piecing. The smaller hole in the Straight Stitch Plate supports the fabric closer to the needle and helps prevent the fabric from being pulled down into the bobbin area, especially at the beginning and/or end of a seam.



1. Remove the presser foot. Open the bobbin cover by pushing the release button (A) to the right. Remove the cover.
2. Make sure that the feed teeth are lowered. Place the screwdriver under the needle plate as shown and gently turn the screwdriver to pop off the needle plate.

   Note: Lower the feed teeth by touching the presser foot up and extra lift button.

   Note: When changing the needle plate, clean any lint and threads from the bobbin area.

3. With feed teeth lowered, position the Straight Stitch Plate so that it fits into the notches at the back. Press the Straight Stitch Plate down (B) until it clicks into place. Replace the bobbin cover.

⚠ *To prevent needle breakage or damage to the plate, remove any accessory that is not compatible with the Straight Stitch Needle Plate, such as twin needle.*

Getting Started with WiFi and mySewnet Cloud

Follow the steps below to connect your machine.

Connect to a Network with WiFi

Touch the WiFi button in the top left corner of the screen. Select from the list of available networks. If your network is password protected, you will be prompted to enter the password to connect.

For more information, see WiFi Introductionthe built-in user's guide.



WiFi icon

Connect to mySewnet Cloud

When you have established a WiFi connection, touch the mySewnet tab and touch the Sign in button. A web view opens where you can log in. If you do not have a user name and password, select Register to create an account.



mySewnet cloud icon



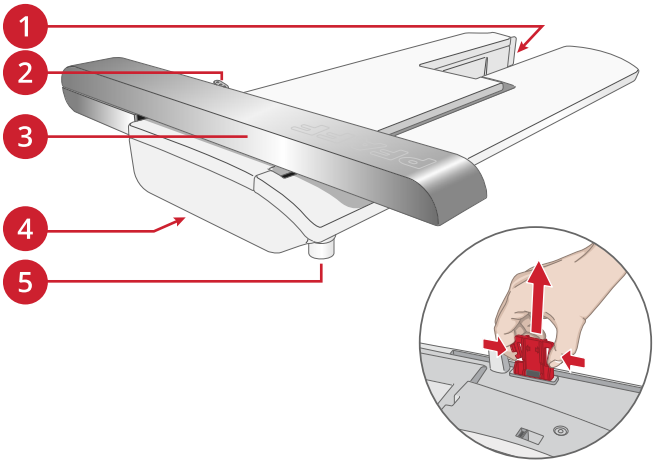
Embroidery Preparations

Embroidery Unit

(type EU 22)

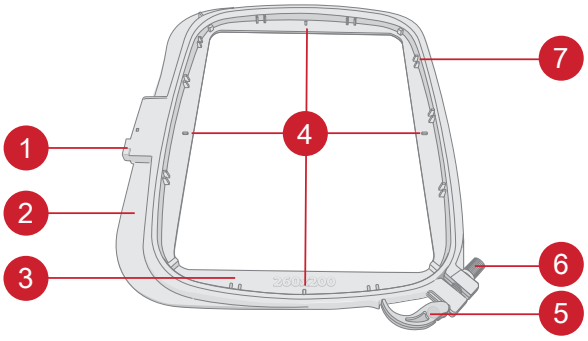
1. Embroidery unit plug
2. Embroidery hoop attachment
3. Embroidery arm
4. Embroidery unit release button (underside)
5. Level adjustment feet

⚠ *When removing the embroidery unit from the box for the first time, be sure to remove the shipping brace on the underside of the embroidery unit.*



Embroidery Hoop Overview

1. Embroidery hoop connector
2. Outer hoop
3. Inner hoop
4. Center marks
5. Quick release
6. Retaining screw
7. Ribs for fitting the clips



Dynamic Spring Foot 6D

The Dynamic Spring Foot 6D is recommended for hoop embroidery.

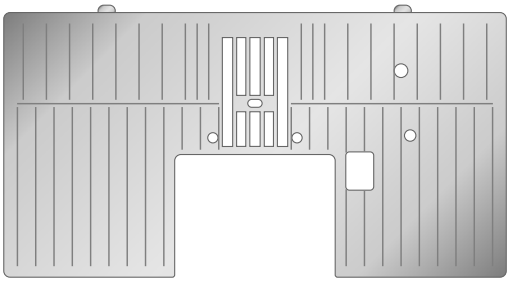
See Attaching the Dynamic Spring Foot 6D, page 39.



Straight Stitch Plate

The Straight Stitch Plate is recommended for hoop embroidery.

See Changing to Straight Stitch Plate, page 40.



Embroidery Designs

Over 800 designs are included in the machine memory. These designs, along with the eight built-in embroidery fonts, are shown in the **creative icon™ 2** Sampler Book.

Page through the **creative icon™ 2** Sampler Book for designs and fonts.

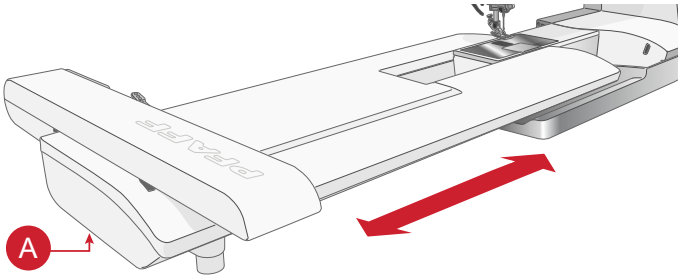
All included designs are pictured with information about stitch count (number of stitches in the design), design size, a complete color block list as well as information about special techniques (if applicable).



Connect the Embroidery Unit

1. Slide the accessory tray off.
2. Slide the embroidery unit onto the free arm of the machine until it plugs firmly into the socket at the back of the machine. If needed, use the level adjusting feet so that the machine and embroidery unit are even. If the machine is turned off, turn it on.
3. If you were already in embroidery mode or when you switch to embroidery mode, a pop-up message tells you to clear the embroidery arm and remove the hoop before calibration. Touch OK. The machine will calibrate and the embroidery arm will move to the ready position.

Note: DO NOT calibrate the machine with the embroidery hoop attached as this can damage the needle, presser foot, hoop and/or the embroidery unit. Be sure to clear all materials from around the machine before calibrating so that the embroidery arm does not bump into anything while calibrating.



Remove the Embroidery Unit

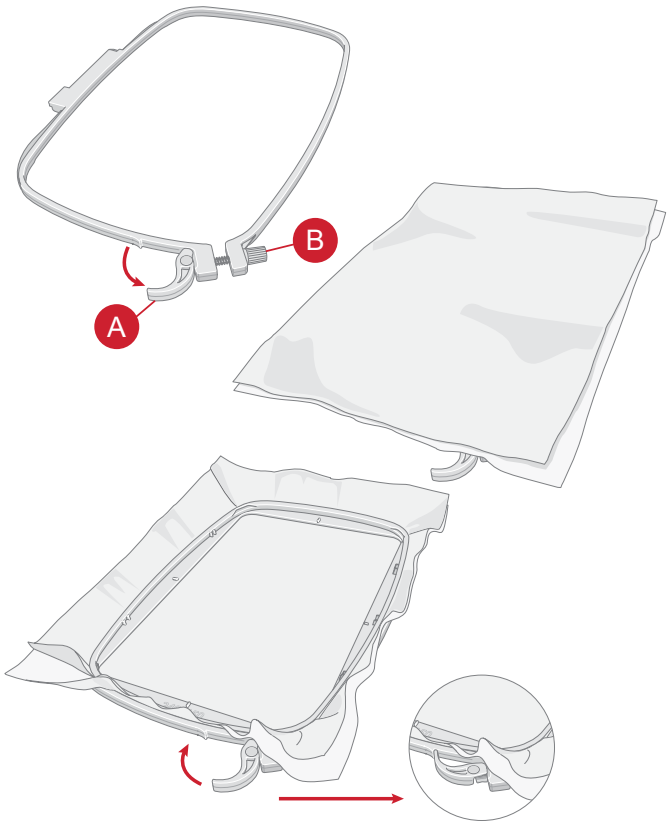
1. To store the embroidery unit in the embroidery case, move the embroidery arm to park position. See park position in the built-in user's guide.
2. Press and hold the release button at the left, underneath the embroidery unit (A) and slide the unit to the left to remove it.
3. Store the embroidery unit in the original black styrofoam packing material, placed in the soft carrying bag.

To Hoop the Fabric

For the best embroidery results, place a layer of stabilizer beneath the fabric. When hooping stabilizer and fabric make sure that they are smooth and securely hooped.

1. Open the quick release (A) on the outer hoop and loosen the screw (B). Remove the inner hoop. Place the outer hoop on a firm flat surface with the screw on the lower right (B). There is a small arrow in the center of the lower edge of the hoop which will line up with a small arrow on the inner hoop.
2. Place the stabilizer and fabric, with the right sides facing up, on top of the outer hoop. Place the inner hoop on top of the fabric with the small arrow at the bottom edge. If you can see the hoop size in the lower part of the inner hoop, you have attached it correctly.
3. Push the inner hoop firmly into the outer hoop.
4. Close the quick release (A). Adjust the pressure of the outer hoop by turning the retaining screw (B). The fabric should be taut in the hoop for the best results.

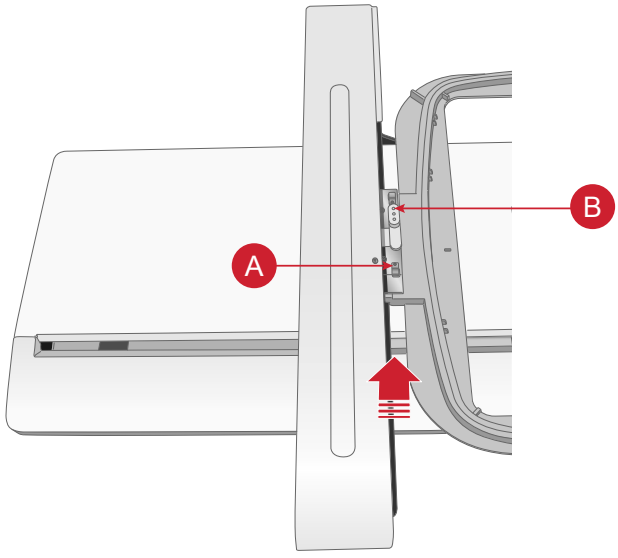
Note: When embroidering additional designs on the same fabric, open the quick release, move the hoop to the new position on the fabric and close the quick release. When changing type of fabric, you might need to adjust the pressure using the retaining screw. Do not force the quick release.



Slide on/off the Hoop

Slide the hoop connector into the hoop attachment (A) from front to back until it clicks into place.

To remove the hoop from the embroidery arm, press and hold the grey button (B) on the hoop attachment and slide the hoop towards you.





The Multi-Touch Screen

Start Page

You can go to Sewing Mode directly from the Start Page. The Start Page is shown every time you start your **creative icon™ 2** machine. The Start Page is always accessible through the Home button.



Home button

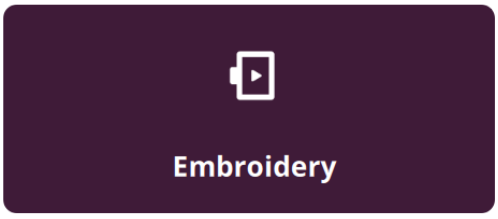
Start Sewing

Touch to open Sewing Mode.



Start Embroidering

Touch to open Embroidery Edit.



mySewnet Blog

Touch this tab to open the mySewnet Blog where you can view the latest product news, sewing instructions and get inspiration!

Touch on a post to get more info on that specific project.

The machine needs to be connected to the internet to be able to see the feed.



Open Help Center

Touch to open the Help Center. This is where you will find the built-in User's Guide, Quick Start Guide, Technique Tutorials and Stabilizer Guide.



Help Center

Main Functions

The Main Functions; Save, Home and Sewing/ Embroidery Mode toggle are always accessible.

Save

Touch to save your stitch, design or sequence at anytime.



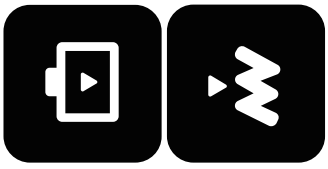
Home

Touch to return to the Start Page.



Mode Switch

Touch to switch between Sewing Mode and Embroidery Edit. You can also start a new sewing or embroidery session.



Common Functions

The following functions on the screen are used frequently.

OK

Confirms changes and pop-up messages and returns to previous window.



Cancel

Cancels changes and pop-up messages and returns to previous window.



Touch & Hold

Some icons have additional functions. To access those functions, touch & hold on the icon for a few seconds.



Top Bar

On the top bar you will find the following functions: WiFi, mySewnet, home screen, quick help, settings and sewing/embroidery mode toggle.

Note: All functions may not always be available at the same time.



1. WiFi
2. mySewnet
3. Update available
4. Timer
5. Clock
6. Home screen
7. mySewnet Blog
8. Sewing/embroidery mode toggle
9. Project viewer
10. Quick help
11. Help center
12. Settings

Quick Help

Touch the question mark icon to open Quick Help. The icon becomes highlighted in orange and flashes indicating that Quick Help is active. Touch an icon or an area on the screen you want information about. A pop-up will appear giving you a short text about the icon or area. Touch OK to close the pop–up and exit Quick Help.



Some Quick Helps will refer to the Built-in User's Guide for more information. Touch the text to open the chapter in the User's Guide.

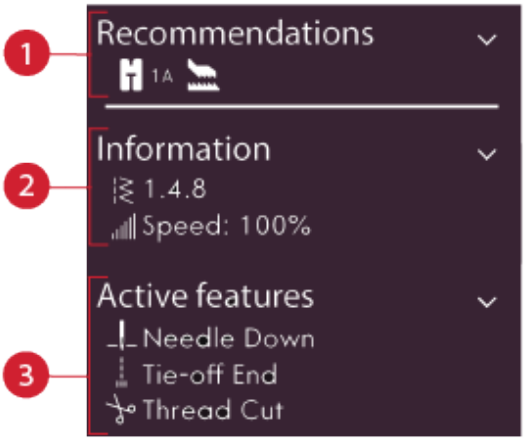
Information Area

The Information Area gives you information about recommendations for your stitch/design, selected stitch and activated features made in Temporary Settings.

Each menu in the Information Area can be collapsed and expanded by touching the arrow.

You can hide the entire Information Area by swiping to the left. Touch the information icon to show the Information Area again.

1. Recommendations
2. Information
3. Active Features



Recommendations

Recommendations are only available in Sewing Mode. It shows recommendations for the selected stitch regarding presser foot, IDT ™system, stitch plate, bobbin case, and/or if stabilizer should be used. It also shows if you need to change the bobbin case. The Recommendations Menu can be both expanded and collapsed by touching the arrow. It is also possible to hide the entire information area by swiping to the left.

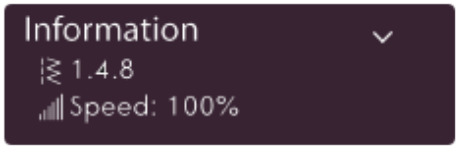
Note: Touch the Information icon to show the information area again.



Information

Shows selected stitch/total number of stitches in the design depending on which mode you are currently in. It also shows the speed setting for selected stitch/design. The Information Menu can be expanded and collapsed by touching the arrow. It is also possible to hide the entire information area by swiping.

Note: Touch the information icon to show the Information Area again.



Active Features

This section shows activated features, such as Tie-Off Options, needle down or changes you have made in the Temporary Settings. The Active Features Menu can be expanded and collapsed by touching the arrow. It is also possible to hide the entire Information Area by swiping.

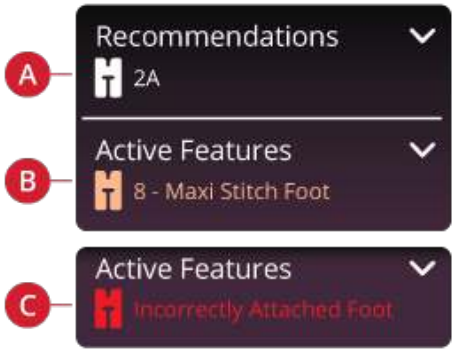
Note: Touch the Information icon to show the Information Area again.



Presser Foot Recognition

The Presser Foot Recognition feature can recognize the majority of PFAFF® original presser feet. The Presser Foot Recognition system will predict which presser foot is attached to the machine. If the presser foot that is recommended for the selected stitch (A) differs from the one predicted to be attached (B), your machine will alert you with a message in the Information Area. You are also notified if the system predicts that your foot is attached incorrectly (C).

Note: The performance of the Presser Foot Recognition feature can be affected by eventual alterations of a presser foot's appearance; due to room lighting, fabric reflectivity properties, position fluctuations, obstructions or physical alterations of the presser foot's surfaces.



A. Recommended presser foot

B. Attached presser foot predicted by the neural network

C. Presser foot is not attached correctly

Customize Your Work Area

The **creative icon™ 2** allows you to access the functions you use the most by arranging them as you desire on the screen. Touch the Detach icon to show which controls that can be moved around. Touch & hold the Move icon in the center until the control pop's up. Drag and drop it to desired location. Your machine will remember your changes when turning your machine off. Touch the x to close the control. To reset the Toolbar to default, use Smart Toolbox and select Reset Toolbar.



1. *Detach*
2. *Move*



Help Center

Help Center — Introduction

In the Help Center you will find information on how to use your **creative icon™ 2** machine and learn more about its features.

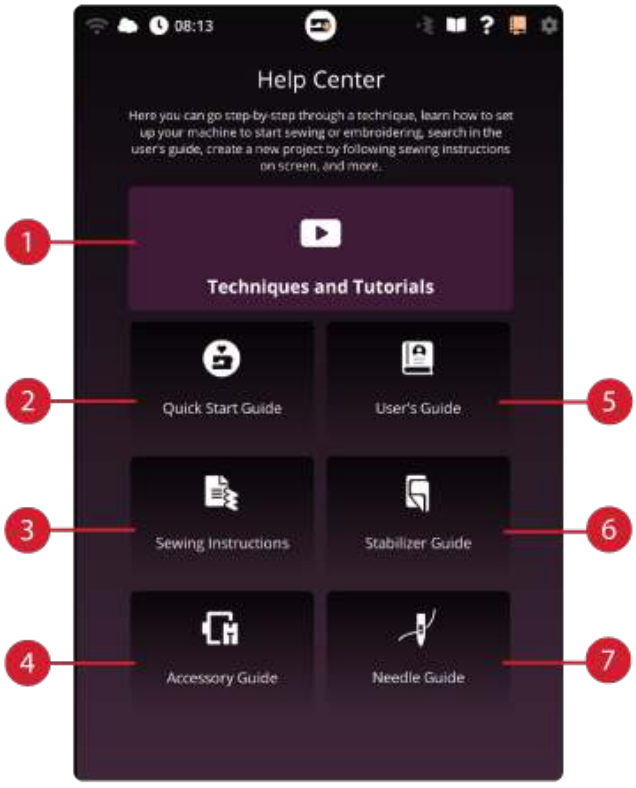


Navigating to Help Center

Note: Open help center to find the built in manual and other instructions.

Help Center – Overview

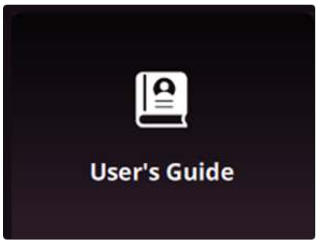
1. Techniques and Tutorials
2. Quick Start Guide
3. Sewing Instructions
4. Accessory Guide
5. User's Guide
6. Stabilizer Guide
7. Needle Guide



User's Guide

Touch User's Guide to open the built-in User's Guide. Here you will find information about how to operate your **creative icon™ 2** machine and what the different features of the machine are.

You can see the User's Guide by Index or by looking in the Category. The category option shows the help topics divided into categories following the structure of the User's Guide. The index option shows topics in an alphabetical order.



Quick Start Guide

In this section you will find help that has to do with the basics of the machine such as threading the machine, how to engage and disengage the IDT™ and more.

Some of the guides will show animations.

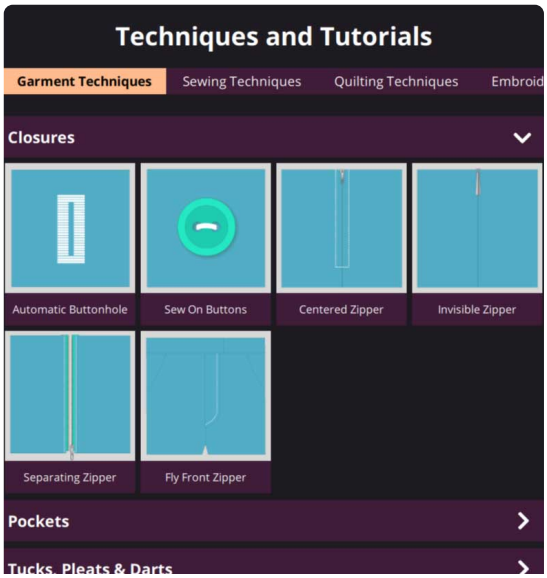
Select which topic you are interested in by touching it. A Project Viewer will open with Step-by-Step instructions and animations.



- Threading the Upper Thread
- Automatic Needle Threader
- Engage/Disengage the IDT™ System
- Bobbin Winding
- Bobbin Winding Through Needle
- Inserting the Bobbin
- Attach/Remove the Embroidery Unit
- Hoop Fabric and Stabilizer
- Slide On/Off the Hoop
- Attaching the Dynamic Spring Foot 6D

Techniques and Tutorials

Touch to open Techniques and Tutorials. There are different categories to choose from such as Garment-, Sewing-, Quilt- and Embroidery-techniques. Select a technique category and then select a technique sub-category to see the projects available. Touch on a project to open it.



Garment Techniques

In this section you will find tutorials about how to sew different sewing techniques for garments such as collars, zippers, pockets etc.

In each project you will find Step–by–Step instructions with images and/or animations. The stitches needed for the chosen technique is filtered out for you and are available in the content tab. However, you may need to adjust the setting of the stitches (length, width etc) depending on what fabric type you are using for your project. The stitches are always set for sewing in woven medium fabric.

Sewing Techniques

In this section you will find tutorials about how to sew different kinds of sewing techniques such as the exclusive sewing techniques etc.

In each project you will find an instruction with images and/or animations. The stitches needed for the chosen technique is filtered out for you. However, you may need to adjust the setting of the stitches (length, width etc) depending on what fabric type you are using for your project. When selecting a stitch from the project viewer, all settings needed for the specific technique is set for you.

Quilting Techniques

In this section you will find tutorials about how to sew different kinds of quilt techniques such as piecing, binding etc.

In each project you will find Step-by-Step instructions with images and/or animations. The stitches needed for the chosen technique is filtered out for you. However, you may need to adjust the setting of the stitches (length, width etc) depending on what fabric type you are using for your project.

Embroidery Techniques

In this section you will find tutorials about how to sew different kinds of embroidery techniques such as cutwork embroidery, free standing embroidery etc.

In each project you will find Step-by-Step instructions together with images. You also have all the available built-in embroideries filtered for the chosen technique. They can be found in the Content tab.

Stabilizer Guide

Touch to open the Stabilizer Guide. Select a stabilizer group to view different stabilizers within the group. Touch a stabilizer to see more information about when to use it. The information about the stabilizer is shown in a viewer. Close the viewer to select another stabilizer in the group.



- **Cut-a-Way**: Cut-a-Way stabilizers are stabilizers that needs to be cut away by using scissors. It will stay on the fabric to make the embroidery more stable.
- **Batting**: Use batting between your top fabric and backing to add body to your project.
- **Water soluble stabilizer**: The stabilizers in this category are stabilizers that dissolves in water. They are very useful when embroidering lace and cutwork embroideries .
- **Specialty**: In this category you will find stabilizers for special uses.
- **Tear-a-away**: Tear-a-way stabilizers are temporary stabilizers. They are easy to remove after embroidering

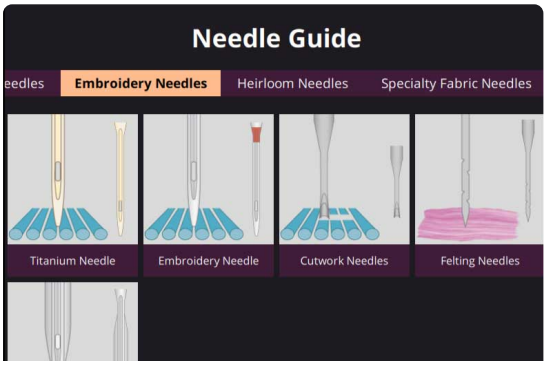
Accessory Guide

Here you will find project files that shows you how to use different sort of accessories available for your machine.



Needle Guide

The Needle Guide tells you what needles there are and what needles should be used in different modes or projects.



Projects

When loading a project from the Help Center it will be shown in the Project Viewer which is always accessible on the screen. When the Project Viewer is minimized, touch the Project Viewer icon to expand.



Project Viewer

When you have selected a project, a Project Viewer will be opened. The Viewer can be minimized or closed by touching the Close or Minimize icon. It can also be moved around on you screen so that you will be able to reach icons that may be hidden when following the instructions.

You can decrease or increase the text in the Viewer by touching one of the A icons.

There are two tabs that you can toggle between, Instruction and Content. The Instruction tab contains all instructions, images and animations that you need to see to be able to do the project.

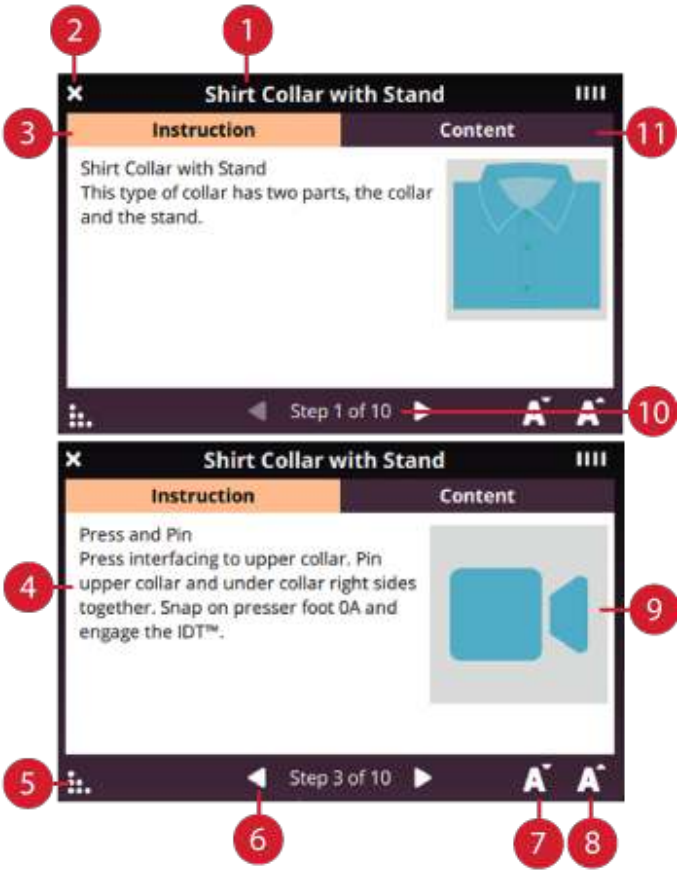
In the content tab you will find the stitches and/or embroideries you need for the specific project.

Use the arrows or swipe vertically to go to the next step. The step with a green frame is the active step.

All images can be enlarged by touching on them. This can be very helpful when looking at the list of materials.

When you touch on the Play icon, a video player will open showing you how to make that particular part.

Some projects contains Stitch icon, and when you touch them, you will load the stitch that is needed for that step.



1. *Project Viewer*
2. *Close*
3. *Instruction*
4. *Active Step*
5. *Expand Windows*
6. *Step Between the Project Steps*
7. *Decrease Text Size*
8. *Increase Text Size*
9. *Play*
10. *Current Step*
11. *Content*

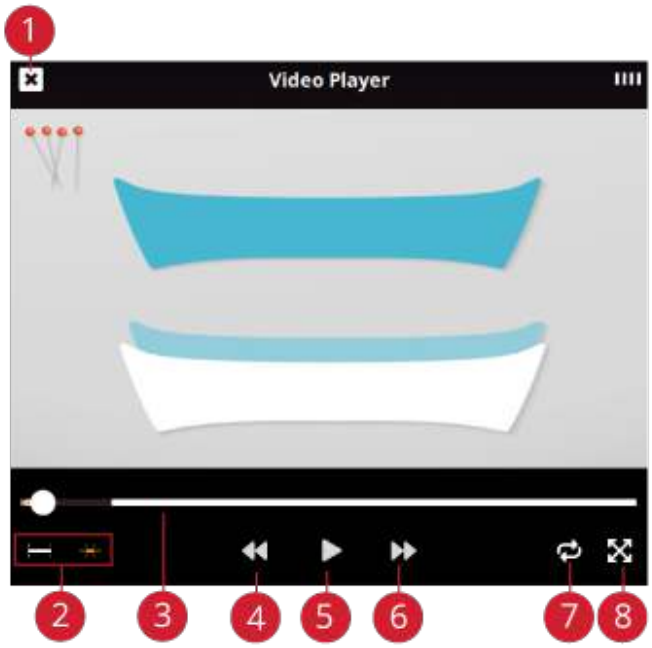
Video Player

Touch the Play icon to view the animation. In the video player that opens you can Play/Pause, Rewind, Fast Forward, set the animation on Repeat and turn Full Screen View On/Off. You can also drag the Slider to move forwards or backwards in the animation.

Touch & hold on Rewind to start the animation from the beginning.

Touch the Chapter /Section to toggle between seeing the entire video or current chapter.

Close the animation by touching the X. You can also touch outside the video player window to close.



1. *Close*
2. *Chapter/Section*
3. *Slider*
4. *Rewind*
5. *Play/Pause*
6. *Fast Forward*
7. *Repeat*
8. *Full Screen View*

Voice Control

Voice Control is a feature in which you can send voice commands to your sewing- and embroidery machine and control it without pressing any buttons. For example you can ask your machine how to thread it or how to wind a bobbin. The **creative icon™ 2** machine is compatible with Amazon Alexa and Google Assistant. Through these devices or apps you can send voice commands that will be executed by your machine.

Go to your machine site at pfaff.com to find instructions on how to get started with Voice Control.



WiFi & mySewnet Services

WiFi Introduction

Your **creative icon™ 2** machine features WiFi, which makes it possible to connect your machine wireless to the mySewnet services.

Getting Started With WiFi

Touch the WiFi button and activate WiFi. Select a network from the list of available networks. If your network is password protected, you will be prompted to enter the password in the pop-up to be able to connect.

Touch the "information" icon to open an information pop-up about the network. You can also see the signal strength and if the network is password protected, indicated with a closed padlock.

You can also connect to a network with WiFi in WiFi Settings.

If you do not get any signal or have a low signal strength see Troubleshooting.



WiFi is connected with high signal strength.



WiFi is connected with medium signal strength.



WiFi is connected with low signal strength.



WiFi is connected but the network does not work properly.



WiFi is disconnected. Connect to a network through WiFi button or WiFi settings.

Hidden Network

Touch Hidden Network to connect to a Hidden Network. A pop-up will be shown on the screen where you can enter the name of the hidden network.

Firmware Update Using WiFi

It is always recommended that you install the latest firmware in your machine.

To be able to get the latest firmware you need to connect to a network using WiFi. When connected, your machine will automatically search for an available firmware update. If the machine has detected that there is a newer firmware available, the firmware update icon will be visible in the top bar. Touch the icon to open a pop-up to download and install the latest firmware. The installation of the new firmware will be shown with a green flashing dot in the Information Area.

If you choose to install the firmware later you will see a yellow dot in the Information Area, reminding you about the latest firmware ready to be installed.

When the update is completed the machine will restart automatically. Check the firmware version number in Settings, Machine Information.



Indication that your machine does not have the latest firmware and that an update is available. Touch the icon to open a pop-up to download and install the latest firmware.



The update is loading.

Firmware Update Using a USB Device

Visit the PFAFF® website at www.pfaff.com and find your machine. Here you will find the available updates.

1. Download the update firmware zip file. Unzip the file and copy the file (.clo) to a USB device.

   Note: Do not change the name of the file or do not copy the file into an existing folder on the USB device.

   Note: Make sure that there is no old firmware update file (.clo) on the USB stick when copying the new firmware update file (.clo). The file name is not unique.

2. Make sure that the machine is turned off. Connect the USB device loaded with the new firmware version to a USB port on your machine.
3. Press and hold the Reverse button, located on the front of the machine, and turn on your machine with the ON/OFF switch. Release the Reverse button when an update icon is shown on the screen.
4. The firmware update will be verified and installed. The machine may restart several times during the update process. Do not turn off the machine.
5. When the update is completed the machine will restart automatically. Check the software version number in Settings, Machine Information.

Free mySewnet Embroidery Software (PC and MAC)

A computer software package is available for your machine. It adds the following features:

- Basic Embroidery Software – Open your embroidery designs, copy and paste, combine and color sort. Export in the format you need for your machine. Read more details on mysewnet.com
- Computer plug-in to handle embroidery designs: viewing designs as thumbnail images, reading different embroidery file formats, add trim commands and more. Visit mysewnet.com to create a mySewnet account and download the software.

More information and detailed installation instructions are available on the download page at mysewnet.com.

Installation of mySewnet Cloud Sync Tool for Computer

Install the mySewnet cloud sync tool to support synchronization of a local folder on your computer with the content stored in mySewnet cloud.

To download mySewnet cloud sync tool for your computer and get detailed installation instructions, go to cloud.mysewnet.com

The mySewnet cloud sync tool allows you to synchronize your content in the mySewnet cloud and your sewing machine with a folder on your computer. Drag and drop files to the folder on your computer and the files will automatically be transferred to the mySewnet cloud and accessible from your machine when signed in to the mySewnet account.



Signed in to mySewnet cloud.



Not signed in to the mySewnet cloud sync tool.



Synchronizing files with the mySewnet cloud.



Cannot synchronize with the mySewnet cloud sync tool. Check the used space in the mySewnet cloud.

Apps

There are several apps available to download for free to your mobile device. Visit mysewnet.com to find and read more about our selection of apps. You can download them directly in the App store and Google play.

The mysewnet.com website

The mysewnet.com is the entrance to all the web services that are available when you have a mySewnet account.

- Account - This is where you register and handle your account.

- mySewnet cloud – Store and manage yout personal files online. The files are automatically synchronized with the mySewnet cloud folder in the **creative icon™ 2** machine and the mySewnet cloud sync tool.
- Help Center - Get help to get started with mySewnet apps and services.
- Project Creator - A web service where you create and share step-by-step instructions.

mySewnet Library

mySewnet Library - a part of our paid subscription service where you can access Embroidery Software and thousands of embroidery designs. Except from subscribing, you can also make single design purchases.

Visit our website to read more about this service, the different levels available and start your subscription.

If you have a subscription, WiFi is connected and you have logged in to your mySewnet account, the mySewnet library menu will be visible in your machine in Embroidery Edit. Here you can search, scroll and select from all the mySewnet library designs.

mySewnet Blog

In mySewnet blog you can view the latest product news, sewing instructions and get inspiration!

The machine needs to be connected to WiFi to be able to see the feed.



Sewing

Sewing Mode – Introduction

Touch Sewing to enter the Sewing Mode. A straight stitch is loaded by default. The selected stitch is shown in actual size in the stitch field. In Sewing Mode you can select stitches, adjust and sew them. Use **Stitch Creator™** feature and Sequence Creator to create your own stitches and sequences.

Sewing Mode – Overview

Recommendations and Active Features are shown under the expandable Information Area.

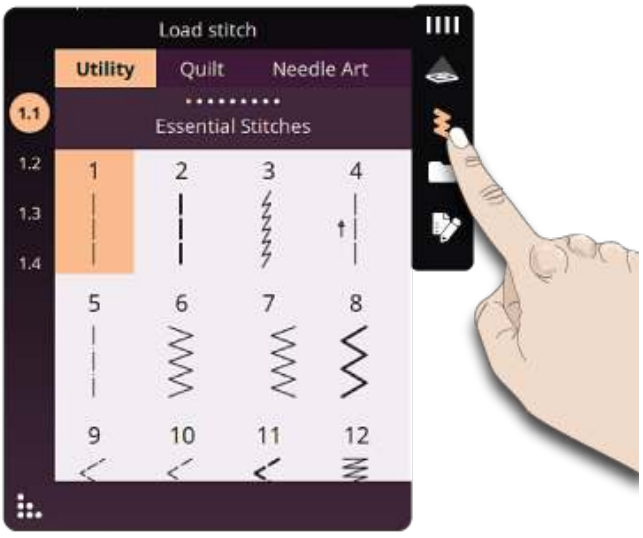


1. Toggle between Sewing Mode and Embroidery Edit
2. Information Area
3. Stitch field, shows the selected stitch in actual size
4. Save
5. Edit Stitch
6. Stitch Repeat
7. Free-Motion Options
8. Tie-Off Options
9. Sequence Creator
10. **Stitch Creator™** feature
11. Balance Adjustments
12. Project Creator — Open and manage files you have created in mySewnet Project Creator
13. mySewnet folder/File Manager
14. Tapering
15. Stitch Menu
16. Projection
17. Needle starting point
18. Help Center
19. Settings
20. Open ongoing Projects

Load a Stitch

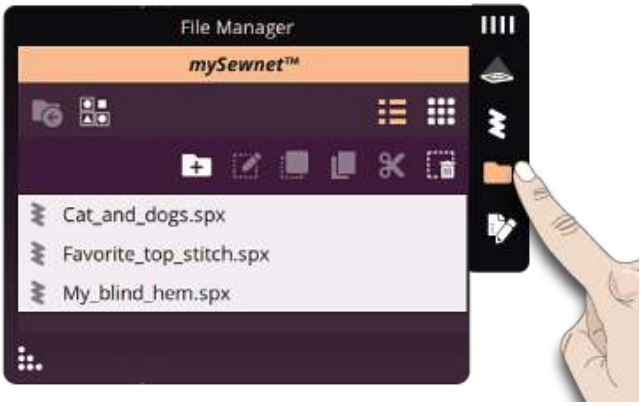
Load a Stitch From the Stitch Menu

Touch Stitch Menu and select the desired stitch. Available stitch categories are listed horizontally, swipe to see more categories. Select a category by touching it and then touch a subcategory to view the available stitches. Touch a stitch to load it to Sewing Mode. In the bottom of the window there is an information panel containing a preview and stitch description of the selected stitch. The select stitch window can be expanded if you touch and drag the triangle in the lower corner. The entire Menu Panel can be moved around on the screen, simply touch & hold on the menu top to move it where you want it to be placed.



Load a Stitch from mySewnet Folder/File Manager

Open by touching the folder icon. Here you can access the stitches that you have saved in your mySewnet folder or on a USB device. Touch and hold the stitch file to load it.



Projection of Stitches and Guidelines

Use the Projector to overlay helpful lines as a support when sewing. The guidelines and grids can be adjusted in color and size to meet your needs.

Note: The projection preview of stitches are made in front of the needle, therefore, stitches that are sewn backwards (such as buttonholes) or sideways cannot be projected properly.

The Projector can assist you with the following:

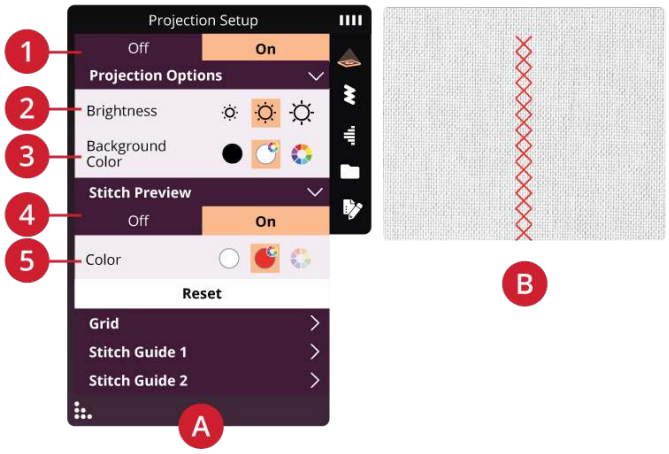
- preview of the stitch underneath the needle. You can see in actual size how the selected stitch will turn out on your project.
- activate a grid adjustable in size and angle to meet your need of exactness when sewing.
- guide you when sewing, using one or two guidelines. Straight or in angle in any color.
- All the above functions at the same time.

Stitch Preview

When the Projection icon on the screen is touched the Projection menu opens (A).

When the Projection button on the sewing head is touched the Projection menu opens (A) and the projector will be turned On.

1. Touch On or Off to turn the projector on or off.
2. Set the brightness of your projection here.
3. If you want the machine to light up the sewing area in a special color, that is selected here.
4. Touch On to turn on a stitch preview on your fabric (B). The stitch is shown in actual size and projected on your fabric in relation to the needle.
5. For a maximum visibility against your chosen fabric, or to simulate a special thread, you can change the color of the stitch preview.



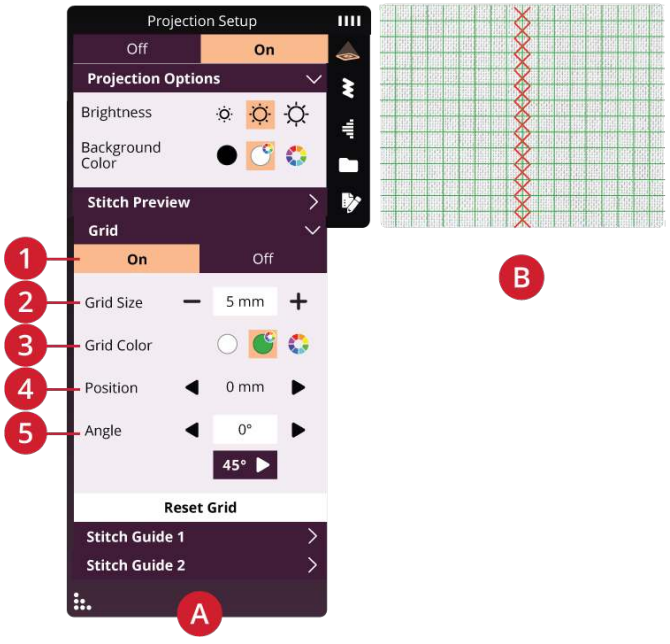
A. Stitch Preview Settings *B. Projection on fabric*

Grid

When the Projection icon on the screen is touched the Projection menu opens (A).

When the Projection button on the sewing head is touched the Projection menu opens (A) and the projector will be turned On.

1. Touch On to project a grid to your fabric (B).
2. Set the size of your grid.
3. For a maximum visibility against your chosen fabric, you can change the grid color.
4. Use the left and right arrows to move the grid.
5. Use the left and right arrows to change the angle of the grid.



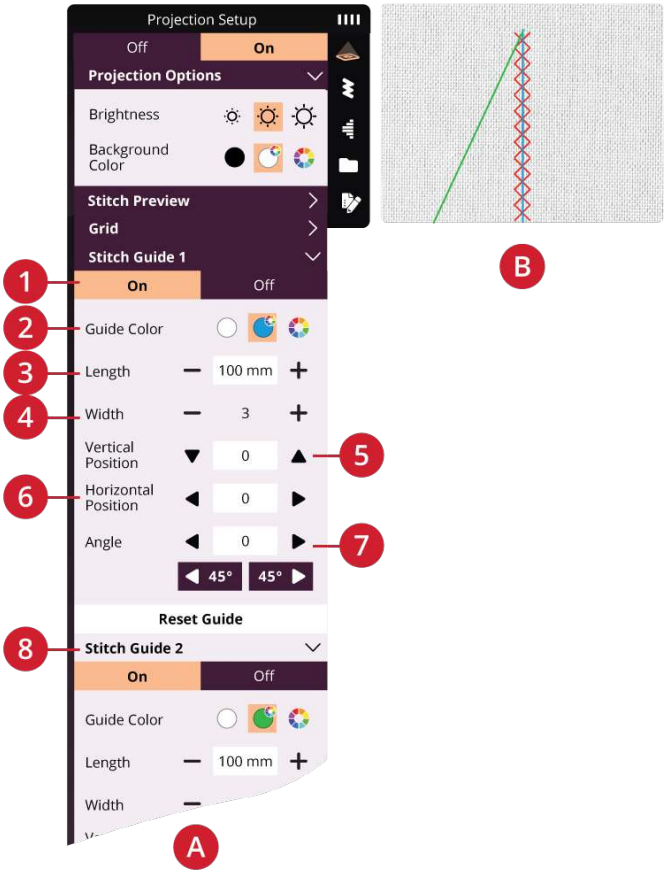
A. Stitch Preview Settings *B. Projection on fabric*

Stitch Guidelines

When the Projection icon on the screen is touched the Projection menu opens (A).

When the Projection button on the sewing head is touched the Projection menu opens (A) and the projector will be turned On.

1. Touch On to project a stitch guideline to your fabric (B) and on the screen.
2. For maximum visibility against your chosen fabric, you can change the color of the guidelines.
3. Set the length (max 100mm) of your guideline.
4. Set the thickness of your guideline.
5. Use the up and down arrows to move the guideline in a vertical position.
6. Use the left and right arrows to move the guideline in a horizontal position.
7. Use the left and right arrows to change the angle of the guideline.
8. You can have two different guidelines with different positions and color. Set the value for the second guideline here.



A. Stitch Preview Settings *B. Projection on fabric*

Information Area and Sewing Recommendations

Recommendations are shown in the Information Area. Your machine automatically gives you recommendations depending on the selected stitch and current setting.

The following recommendations can be shown:

Presser foot, IDT™ system and Stabilizer. The Straight Stitch Needle Plate recommendation will be shown when a Free-Motion Option is selected with a straight stitch. The Straight Stitch Bobbin Case will be shown if you move your straight stitch to the left. When an Optional Presser Foot is recommended, the icon for Optional Presser Foot will be visible on the screen.

We recommend that you use The Stabilizer Guide in the Help Center for detailed information about the different stabilizers.

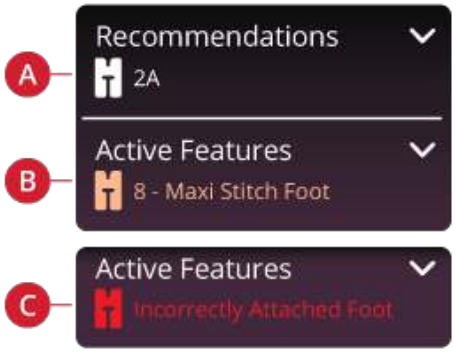


1. *Presser Foot Recommendation*
2. *IDT™ Recommendation*
3. *Stabilizer Recommendation*
4. *Straight Stitch Needle Plate*
5. *Straight Stitch Bobbin Case*
6. *Optional Presser Foot*

Presser Foot Recognition

The Presser Foot Recognition feature can recognize the majority of PFAFF® original presser feet. The Presser Foot Recognition system will predict which presser foot is attached to the machine. If the presser foot that is recommended for the selected stitch (A) differs from the one predicted to be attached (B), your machine will alert you with a message in the Information Area. You are also notified if the system predicts that your foot is attached incorrectly (C).

Note: The performance of the Presser Foot Recognition feature can be affected by eventual alterations of a presser foot's appearance; due to room lighting, fabric reflectivity properties, position fluctuations, obstructions or physical alterations of the presser foot's surfaces.



A. Recommended presser foot

B. Attached presser foot predicted by the neural network

C. Presser foot is not attached correctly

Edit Stitch

Touch Edit Stitch to open the control window for adjusting selected stitch.

In the upper right corner of the control window you will find an information icon. Touch it to open a panel with description of the icons which are in the control window.

Touch Edit Stitch to close the control window.

Note: The Default Setting is always shown in white numbers.

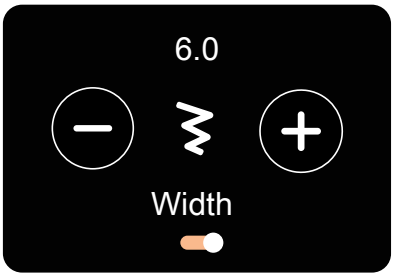


The **creative icon™ 2** allows you to access the functions you use the most by arranging them as you desire on the sewing and embroidery area. To activate or deactivate the detach function, go to Machine Settings. When Detachable controls are activated, you will see a Detach icon in the left corner. Touch the Detach icon to show which controls that can be moved around. Touch and hold the Move icon in the center until the control pop's up. Drag and drop it to desired location. Your machine will remember your changes when turning your machine off. Touch the x to close the control. To reset the Toolbar to default, use Smart Toolbox and select Reset Toolbar.

Stitch Width

Increase or decrease the stitch width using – and + in the control. The number above the control shows stitch width in mm.

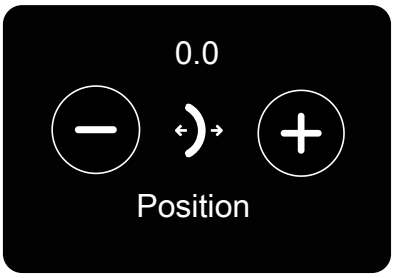
Changed stitch position may limit the stitch width adjustments.



Stitch Positioning

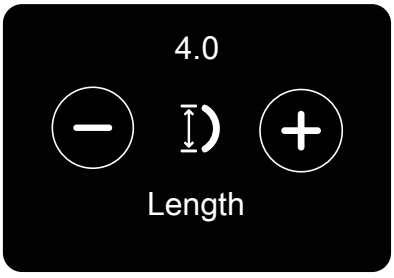
On certain stitches with a width less than 9 mm it is possible to change the stitch position. Use – to move the stitch to the left and + to move the stitch to the right. The number above the control shows the needle start position in mm in relation to center needle position. The machine has a maximum of 37 needle positions (for a straight stitch).

The stitch position can only be changed to the limit of the maximum stitch width. Changing the stitch positioning will also limit the stitch width adjustments.



Stitch Length

Increase or decrease the stitch length using – and + in the control. The number above the control shows the set stitch length in mm. If lengthening a zigzag stitch or a decorative stitch, the entire stitch will be stretched out. If lengthening a stitch where the density can be adjusted, the entire stitch will be longer but the density of the satin stitches will remain the same.

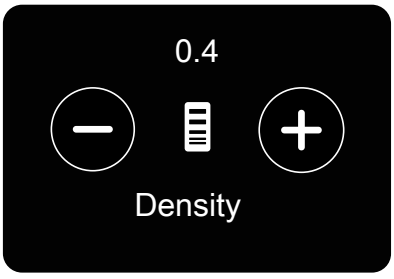


Stitch Density

The stitch density control adjusts the density (the distance between the individual satin stitches that make the entire stitch). The density does not affect the actual length of the entire stitch.

Touch – to increase the density. Touch + to decrease the density. The number above the control shows the distance between satin stitches in mm.

Tip: Decrease the density to get different visual effects e.g. when using speciality threads.

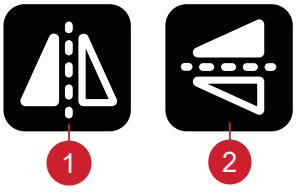


Mirroring

To mirror a stitch or stitch sequence sideways, touch Mirror Side to Side. To mirror a stitch or stitch sequence lengthwise, touch Mirror End to End.

Tip: Use the Smart Toolbox to open a shortcut for mirroring.

Note: Some stitches e.g. buttonholes cannot be mirrored.



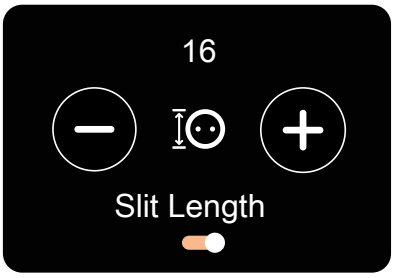
1. Mirror End to End

2. Mirror Side to Side

Buttonhole Slit Length

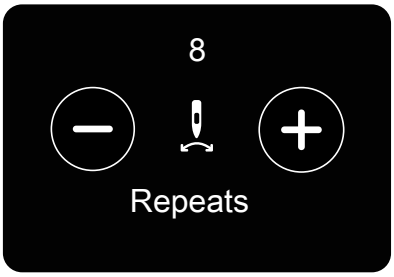
Set the buttonhole slit length by using - to decrease and + to increase when sewing a buttonhole with the Sensormatic Buttonhole Foot.

You can also sew a manual buttonhole, read about how to sew a manual buttonhole and how to repeat a manual buttonhole in the Sewing Techniques chapter.



Button Stitch Repetition

When sewing a button, you can set the number of stitch repeats. Touch the – or + in the control to decrease or increase the number of stitch repeats.



ActivStitch™ Technology

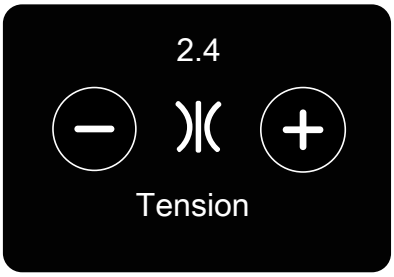
The **ActivStitch™** technology feature has two ways to control the needle thread: thread metering and thread tension. To get the best sewing result it will automatically use thread metering when possible. Thread metering automatically and continuously measures the fabric thickness to meter the correct amount of thread for the selected stitch.

When thread tension is used, the tension discs will keep the correct amount of tension on the upper thread. Some special techniques may require the use of thread tension. Deselect the **ActivStitch™** technology feature in Temporary Settings to ensure that thread tension is engaged. When the **ActivStitch™** technology feature is selected the control visible in Sewing Mode will change between thread metering and thread tension depending on the current settings and the loaded stitch.

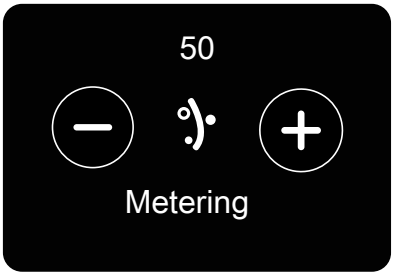
Use the thread metering/thread tension control to adjust the balance between needle thread and bobbin thread, e.g. decrease when using metallic thread and increase when using heavy weight thread. Make a few tests with different settings on a scrap piece of the fabric you are going to use and check the balance between the upper thread and the bobbin thread.

Note: When changing the value of the thread metering/thread tension setting, the changes only affect the selected stitch. Your changed settings will be reset to default when selecting another stitch.

Tip: Increase the thread metering/thread tension setting for best results when sewing on denim fabric with thick threads.



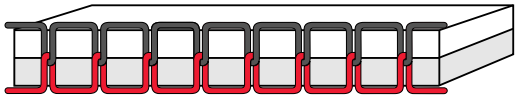
Thread Tension



Thread Metering

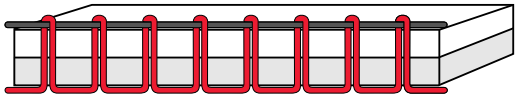
Adjust Thread Tension/Thread Metering

For the best stitch appearance and durability make sure the threads meet evenly between the two fabric layers.



Correct tension

If the bobbin thread is visible on the top side of the fabric, the thread tension/thread metering is too tight. Reduce the thread tension/thread metering.



Tension too tight

If the upper thread is visible on the underside of the fabric, the thread tension/thread metering is too loose. Increase the thread tension/thread metering.

For decorative stitches and buttonholes the upper thread should be visible on the underside of the fabric.

Make a few tests on a scrap piece of the fabric you are going to use and check the tension.



Tension too loose

Free-Motion Options

All stitches on your machine can be sewn in free-motion to create unique effects. Touch Free-Motion to open a window where you can select between different Free-Motion Options. For all free-motion sewing the feed teeth will lower automatically and the fabric must be moved manually.

Touch Free-Motion to close the Free-Motion Options window. Your settings are shown under Active features in the Information Area.

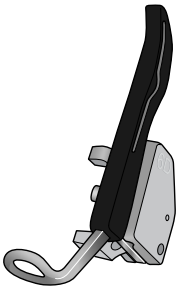
Note: Make sure that the IDT™ system is disengaged.



Dynamic Spring (e.g. 6D)

Activate to set the machine in Dynamic Spring mode for the Dynamic Spring Foot 6D Free-Motion. The Dynamic Spring Foot measures the fabric thickness and will raise and lower with each stitch to hold the fabric on the needle plate while the stitch is being formed.

Note: The Dynamic Spring Foot 6D is recommended for use with straight stitch. Activate Stitch Width Safety in Settings.



Dynamic Spring Foot 6D Free-Motion

Spring

Activate to set the machine in Spring mode for optional spring feet. A spring foot will raise and lower with each stitch to hold the fabric on the needle plate while the stitch is being formed.

Note: Optional spring feet can be purchased at your local authorized PFAFF® dealer.

⚠ *Do not use a spring foot if Sensormatic Free-Motion is activated, since the needle might damage the presser foot.*

Sensormatic

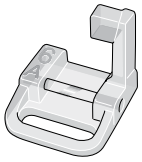
Activate to set the machine in Sensormatic mode for presser foot 6A or some other sensormatic foot, e.g yarn couching etc.

When sewing free-motion at low speed the presser foot will raise and lower with each stitch to hold the fabric on the needle plate while the stitch is being formed. At higher speed, the presser foot floats over the fabric while sewing.

Skipped stitches can occur if your fabric moves up and down with the needle as you are stitching. Lowering the presser foot height will reduce the space between the presser foot and the fabric and eliminate the skipped stitches.

To adjust the presser foot height in Sensormatic mode, open the Free-Motion options window and change presser foot height by touching + or — to increase or decrease presser foot height.

Note: Be careful not to reduce the presser foot height too much. The fabric must still move freely under the presser foot.



Sensormatic Free-Motion Foot 6A

Ruler Foot

Activate Ruler Foot to set the machine in free-motion mode for the optional free-motion ruler foot. The feed teeth will lower automatically.

The presser foot floats over the fabric while sewing.



Free-Motion Ruler Foot

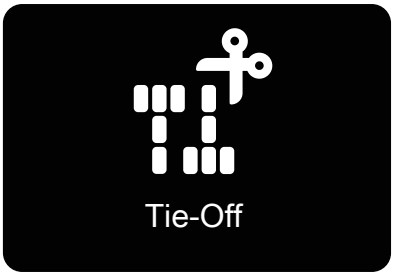
Tie-Off Options

These options allow you program Tie-Off at the beginning and at the end of a stitch. It is also possible to program Thread Cut at the end of a stitch.

When touching the Tie-Off icon, three options open to let you select different functions; Tie-Off Beginning, Tie-Off End and Thread Cut.

Touch Tie-Off to close Tie-Off options window. Your settings are shown under Active features in the information area.

Note: For immediate Tie-Off, use the Tie-Off button, found on the front of the machine.



Sewing with Tie-Off Options selected

- The Tie-Off Beginning will be performed as soon as you start to sew.
- Press the Reverse button to perform Tie-Off End. The action indicator lamp will be lit to indicate that the machine will finish the stitch and do the Tie-Off.
- When a Thread Cut is programmed, the machine will automatically cut the threads after performing a stitch. The needle and presser foot will raise.

Note: Stop sewing and press the Reverse button twice to activate reverse sewing. The reverse indicator lamp will be lit. No Tie-Off will be performed.

Press the Reverse button when sewing in reverse to activate Tie-Off End. The action indicator lamp will be lit.

To go back to sewing forward, stop sewing in reverse and press the Reverse button. No Tie-Off will be performed.



Tie-Off button



Reverse button

Save Stitch

To save your file, touch the Save button and a pop-up will appear on the screen. In the Save pop-up you can choose to save your file to the mySewnet Cloud folder or to a USB device (visible as selection when an USB device is connected). Previously saved designs, stitches, sequences and/or fonts are shown. Name your file using the keyboard and touch OK to confirm.

If you want to save to a folder, touch and hold on the folder to open it, then name your file using the keyboard and touch OK in the pop-up to confirm. To create a new folder, simply touch Create New Folder, name the folder with the keyboard and touch OK. Then touch & hold on the folder to open it and save into the new folder.

You can show the files in a list or as thumbnail icons. Touch the list icon or the thumbnail icon to choose. In List View each file is shown with the file name and file type. In Thumbnail View each file is shown with the file name and a thumbnail image of the file.

To cancel the save process, close the pop-up window by touching the cross in the upper left corner. The Save pop-up will close and you will return to Sewing Mode.

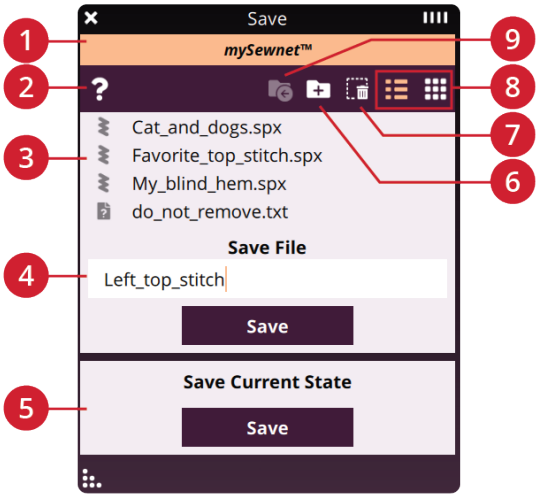
Read about organizing your saved stitches in File Manager.

When saving current state, all your adjustments are stored and you can continue later by touching "Continue from Saved State" at the Home Screen.

Note: You can only have one Current State at a time.



Save button

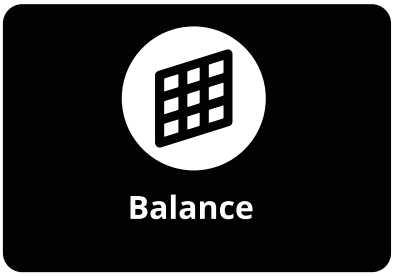


1. *Save to mySewnet cloud Folder or USB (if connected)*
2. *Quick Help*
3. *Saved Stitches*
4. *File Name*
5. *Save Current State*
6. *Create New Folder*
7. *Delete selected stitch*
8. *List and Thumbnail View*
9. *Move to folder*

Balance

When sewing on special fabrics or doing a special technique, the balance may need to be adjusted.

Start by sewing the stitch on a piece of scrap fabric. Touch Balance in the Bottom Bar to open the Balance Adjustment window. Change the preview on the screen to match your sewn sample by using the + and - in the controls. When you sew again, the balance will be corrected.



Balance

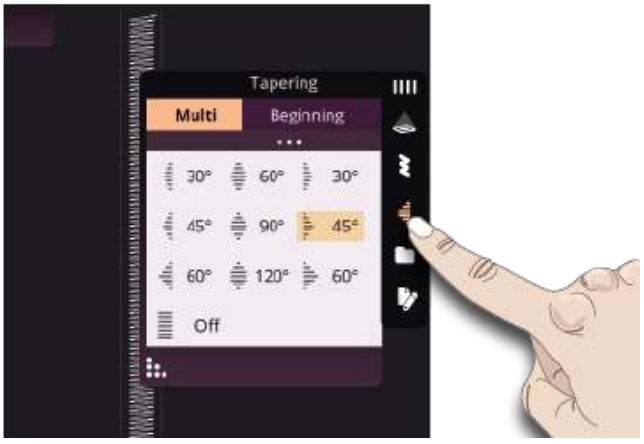
Sewing Programs

These techniques may require some special presser feet and accessories.

Tapering Stitches

The Tapering commands will be visible when a stitch that can be tapered is selected. Touch the Tapering menu to open a view of angles for beginning and end tapers. Select an angle by touching it in the selection area. The machine will sew the beginning tapered point and then continue with the selected stitch. When the desired length has been sewn, touch the Reverse button. The stitch will taper to the end. Select taper Off to remove any tapering at the beginning or end of the stitch. If you select taper Off on both the beginning and end, the stitch will be a regular stitch without tapering.

Note: The Tapering commands will not be visible if you select e.g. a buttonhole.



Taper Satin Stitch Exercise

The Taper Stitch automatically tapers the satin stitch for corners and points and can be used for satin stitch lettering. Try the satin stitch exercise and stitch a corner of the tapered satin stitch on a piece of stabilized fabric.

1. Select stitch 4.3.6 in menu 4 - satin stitches.

2. Open Tapering and select 45 degrees for both beginning and end.

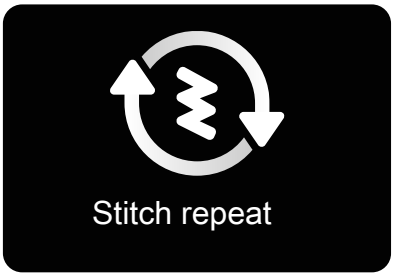
3. Activate Needle Stop Up/Down on your machine and start to sew. The machine will sew the tapered point and then continue with a satin stitch at the selected width.

4. When the satin stitch is as long as desired, touch the Reverse button. This will start the end tapering.

5. Turn your fabric to continue with the next tapered satin stitch.

Stitch Repeat

Stitch Repeat makes it possible for you to program an exact seam length, it also lets you decide how many repetitions of a stitch you want to sew.



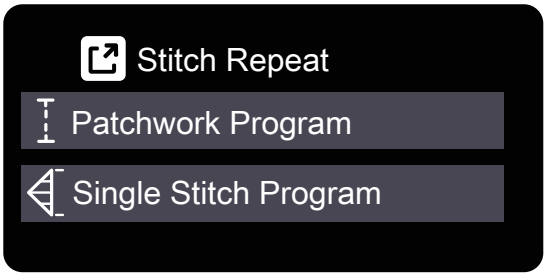
Stitch repeat

Patchwork Program

The Patchwork Program makes it possible for you to program an exact stitch length that can be sewn repeatedly. This is very useful when quilting.

To program a seam length, touch Stitch Repeat on the Bottom bar and select Patchwork Program. Sew until you reach your desired seam length and press the Reverse button while sewing. The reverse indicator on the machine will be lit until the current repetition is finished. This will set the length of the seam.

Once you have set the length of a seam, the Patchwork Program is inactive. The Single Stitch program is now activated instead. The number of stitch repetitions included in your programmed patchwork seam is shown above the +/- control. Adjust the length of the seam, by increasing/decreasing the number of repetitions using the +/- controls.



Single Stitch Program

The Single Stitch Program lets you decide how many repetitions of a stitch you want to sew. Touch Stitch Repeat and select Single Stitch Program. Set the number of repetitions using the +/-. The number of repetitions are shown above the +/- icons. The machine will stop automatically when the repetitions are sewn.

Combining Programs

Combining Tapering and Patchwork Programs makes it possible to repeat a tapered seam with the same length.

Activate tapering as described in Tapering. Sew your desired length. When the Reverse button is pressed the reverse indicator will increase the light until the end taper and last repetition of the stitch is finished.

The seam is now programmed and the Single Stitch Program is activated. When you start sewing again the seam will automatically be repeated with the same length.

The number of repetitions are shown above the +/- control. Adjust the length of the seam, by increasing/ decreasing the number of repetitions using the +/- controls.

Note: The Tapering is included in the repetitions shown on the screen.

Settings in Sewing Mode

There are two ways to change your settings.

1. Default Settings – Settings made in Default Settings will be saved, even when turning your machine off.

2. Temporary Settings – Settings made in Temporary Settings will be reset at the start of a new project in Help Center or start of a new sewing session. When turning your machine off, all changes made in Temporary Settings will be reset to default.

Changes made in Temporary Settings are shown under Active Features in the Information Area.



1. Default Settings in white colored check boxes

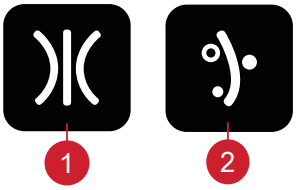
2. Temporary Settings in orange colored check boxes

ActivStitch™ Technology

When the **ActivStitch™** technology feature is selected your machine will automatically choose the best way to control the upper thread, by thread metering or thread tension, based on your selected stitch and settings. Thread metering automatically and continuously measures the fabric thickness to meter the correct amount of thread for the selected stitch. When using thread tension, the tension discs will keep the correct amount of tension on the upper thread.

We recommend that you keep this setting selected except when using specialty techniques or accessories that do not support thread metering.

Deselect the **ActivStitch™** technology feature in the temporary settings to switch to thread tension. The control for adjusting thread metering/thread tension , will change depending on the active stitch and whether the **ActivStitch™** technology feature is selected or not in temporary settings.



1. Thread Tension

2. Thread Metering

Automatic Presser Foot Lift

When selected, the machine automatically raises the presser foot in the following situations:

- When stopping with the needle in down position the presser foot will automatically raise to pivot height.
- After a thread cut the presser foot will be raised to lift position.

When deselected, the presser foot will stay lowered, even if the machine stops with the needle in down position.

Automatic Thread Cutter

When selected, the threads are cut automatically in the following situations:

- At cut commands in stitches and sequences.
- After sewing a single stitch e.g. a monogram or eyelets.

If deselected, no automatic thread cut will be performed.

Note: Deselect when using optional accessories that are attached in the two holes in the needle plate just above the bobbin cover, to prevent damage to the automatic thread cutter knife located under the needle plate.

Free-Motion Options

All stitches on your machine can be sewn in free-motion mode to create unique effects. You can select between different Free-Motion Options. For all free-motion sewing the feed teeth will lower automatically and the fabric must be moved manually.



Free-Motion Options

Free-Motion Options are accessible both in Settings and if you touch the Free-Motion icon in Sewing Mode. Your Temporary Settings are shown under Active features in the Information Area.

Note: Make sure that the IDT™ system is disengaged.

Stitch Limiting Options

Set the machine to stitch width safety or select the size of the twin needle to limit the stitch width and stitch positioning. This will minimize the risk of breaking a needle when sewing with accessories that do not allow the use of the entire stitch width.

Stitch Width Safety

When selected, the machine will only allow a centered straight stitch to prevent damage to the needle, presser foot and needle plate. Select stitch width safety when using an accessory that only supports a centered needle position e.g. straight stitch presser foot. Stitch width safety will automatically be selected when the Straight Stitch Needle Plate is attached to the machine and cannot be deselected as long as the Straight Stitch Needle Plate is attached.

When the Straight Stitch Needle Plate is removed you will be given the option to keep stitch width safety selected or to deselect it. When stitch width safety is activated all twin needle sizes will be disabled as they cannot be used with stitch width safety.

Note: The setting is reset at the start of a new project in Getting Started or a new sewing session. Always make sure to remove any accessory that requires this setting or select the setting again after starting a new project or session.

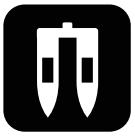


Stitch Width Safety

Twin Needle

When a twin needle size is selected, the stitch width and stitch position of all stitches are limited according to the selected twin needle size to prevent damage to the needle, presser foot and needle plate. In Sewing Mode the Active Features will show that a twin needle is selected. When a twin needle size is selected, the stitch width safety will be disabled as it cannot be used with a twin needle.

Note: The setting is reset at the start of a new project in Getting Started or a new sewing session. Always make sure to remove any accessory that requires this setting or select the setting again after starting a new project.



Twin Needle

Needle Stop Position

When Up is selected your machine stops with the needle up. When Down is selected your machine stops with the needle down. This setting can also be made by touching the Needle Up/Down button on the front of the machine.



Needle Stop Position

Presser Foot Pressure

In most cases, you do not need to adjust the presser foot pressure. Specialty techniques may require an adjustment. The higher the number the more pressure on the fabric.



Presser Foot Pressure

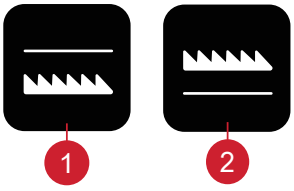
Options for Feed Teeth

When Auto is selected (recommended) your machine automatically raises or lowers the feed teeth, depending on the stitch and other selected settings. For example, the feed teeth are lowered when sewing on buttons or when free-motion sewing.

Select Up and the feed teeth will be raised for all sewing. Select Down and the feed teeth will be lowered for all sewing.

Note: The machine will always lower the feed teeth automatically when raising the presser foot to extra lift position.

Note: The feed teeth options will automatically be reset to auto at the start of a new project from the Help Center.



1. Feed Teeth Lowered

2. Feed Teeth Up

Tie-Off Options

These options let you program a Tie-Off at the beginning and at the end of a stitch. It is also possible to program thread cut at the end of a stitch.

When touching the Tie-Off icon, three options open to let you select different functions; Tie-Off Beginning, Tie-Off End and Thread Cut.

Touch Tie-Off to close Tie-Off Options window. Your settings are shown under Active Features in the Information Area.

Note: For immediate Tie-Off, use the Tie-Off button, found on the front of the machine.



Tie-Off Options

Sewing Techniques

These techniques may require some special presser feet and accessories.

Buttonholes

Sew a test buttonhole on a fabric scrap to verify the desired length of the buttonhole.

Measure the desired distance from the fabric edge and then add the length of your buttonhole. You can measure your button using the button ruler on the lid. Set the slit length and make sure that the red arrow lines up with the marking on the foot.

When sewing, place the finished fabric edge with stabilizer underneath the presser foot, facing away from you. Use the marking on your fabric to position the starting point.

Automatic Buttonhole

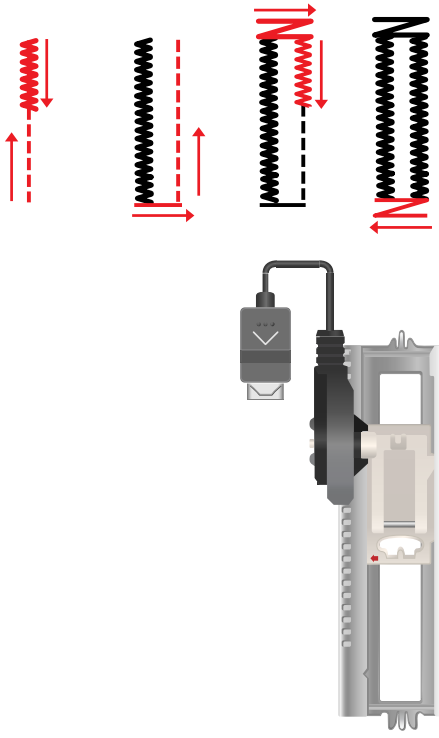
Prepare for Sewing

1. Disengage the IDT™.
2. Snap on the Sensormatic Buttonhole Foot and attach the plug to the back of your machine.
3. Make sure that the red arrow lines up with the marking on the foot.
4. Open the "Edit Stitch" window.
5. Set the size of the buttonhole slit in mm in the "Slit Length" size control. Adjust the slit length so that it is slightly larger than the size of the button.
6. Place the finished fabric edge with stabilizer underneath the presser foot, facing away from you. Use the marking on your fabric to position the starting point.

Sew the Buttonhole

1. Start sewing by pressing the foot control or Start/Stop button. The machine will start by sewing backwards.
2. Continue to sew until the machine automatically stops.

Tip: Sew a test buttonhole on a fabric scrap to verify the desired length of the buttonhole.

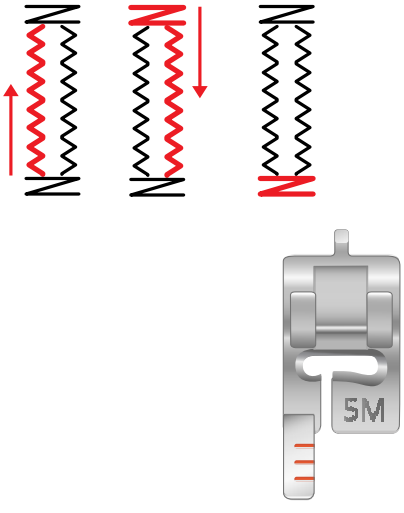


Sensormatic Buttonhole Foot

Manual Buttonhole

Manual buttonholes are recommended for woven heavy fabric. To sew a manual buttonhole, use presser foot 5M.

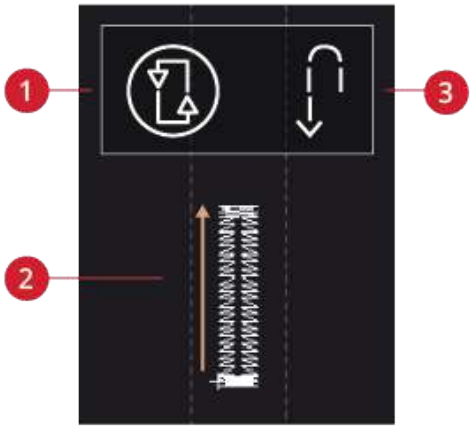
1. Sew the first column as long as you want the buttonhole to be.
2. Touch the reverse button. The machine sews the bartack and the second column.
3. When the columns are aligned, touch the reverse button to sew the second bartack.
4. Touch the STOP function to sew the same length repeatedly.



Presser Foot 5M

Repeat a Manual Buttonhole

When you have adjusted your buttonhole, use the Repeat Buttonhole icon to sew identical copies. As long as that icon is selected, the machine will repeat the buttonhole over and over again. The Repeat Buttonhole icon is only visible when sewing a buttonhole manually. To cancel the function just deselect the icon.



1. Repeat Buttonhole

2. Buttonhole Start Position

3. Reverse

Corded Buttonhole

Corded buttonholes that are sewn with gimp threads are more stable, durable and have a professional appearance. Use pearl cotton or regular gimp thread.

1. Place the center of a length of gimp thread over the metal bar extending from the center back of the Manual Buttonhole Foot 5M. Pass the thread ends under the foot to the front of the foot.

2. Snap on the Manual Buttonhole Foot 5M.

3. After completing the buttonhole, pull the ends of the gimp thread until the loop of thread is hidden below the buttonhole bartack.

4. Thread the gimp threads into a needle and pull them to the wrong side of the garment. Tie the gimp threads and cut of the excess thread.

Sew On a Button

To sew on a button, remove the presser foot and select button sewing. The feed teeth will automatically be lowered.

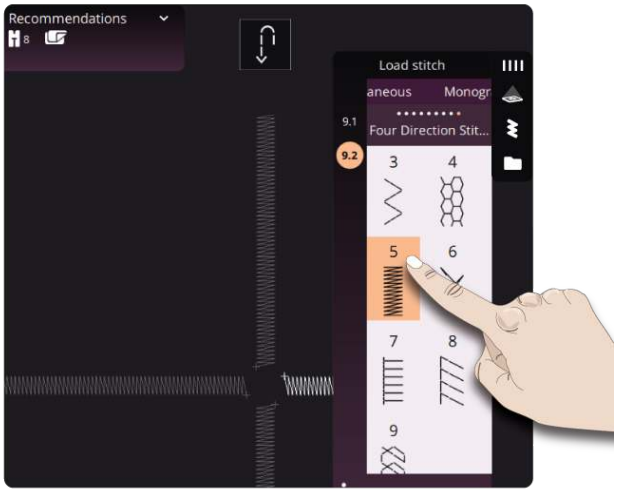
Place the button under the presser foot holder. Use the Mirroring icon to make sure the holes in the button are aligned with the swing of the needle and the width is appropriate for the actual button. If needed change the width between holes with the Width icons.

If needed, increase or decrease the number of stitches that will fasten the button on the fabric, using the Stitch Repetition icon. Start to sew. The machine will sew the program for you.

Four Direction Sewing

Use the Four Direction stitches for sewing on patches without having to turn your fabric or for decorative stitch designs. When selecting a stitch in category the Additional stitch menu and subcategory 2, the Four Direction stitch is loaded to sewing mode.

The starting point is marked with an x in the stitch field. To change direction touch one of the four stitches. When the desired length is sewn in one direction, select the new direction by touching one of the four directions.



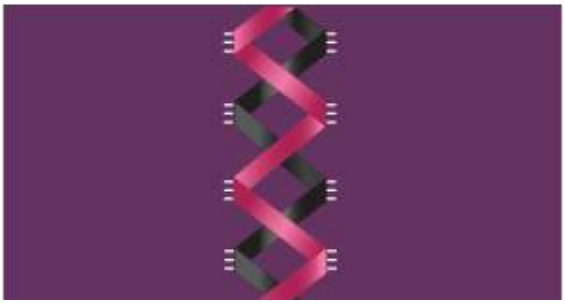
Special Stitch Techniques

Special Stitch Technique stitches in your **creative icon™ 2** machine includes stitches such as Ribbon, Stacking, Floating, Radiant and Lace Edge stitches. The Special Stitch Techniques can be found in Techniques and Tutorials in the Help Center. In this section you will find instructions and animations to several techniques. See examples of these techniques below, and discover more in your **creative icon™ 2**.

Ribbon Stitches

Add dimensional elements to your decorative stitching with the beautiful Single, Double and Triple Ribbon stitches in your machine. Narrow ribbons are woven into these special stitches as you sew. For best results, use stabilizer, appropriate for your fabric type and weight, under your fabric to support your stitching.

We recommend you to go to Help Center and Techniques and Tutorials and locate the Ribbon Stitches Projects for instructions on how to sew and automatically get the correct settings.



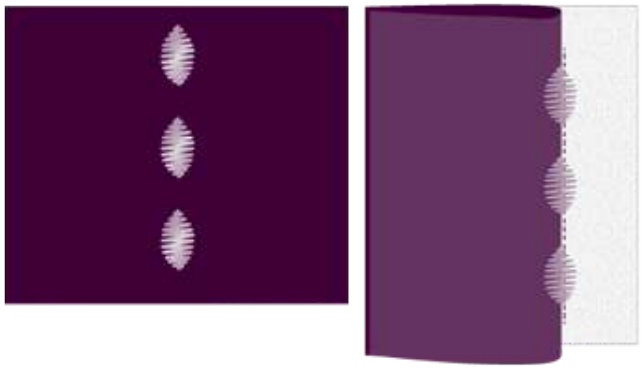
Stacking Stitches

Sew beautiful decorations in two colors using the Stacking stitches. The Stacking stitches consist of pairs of matching stitches that are designed to be sewn on top of each other.



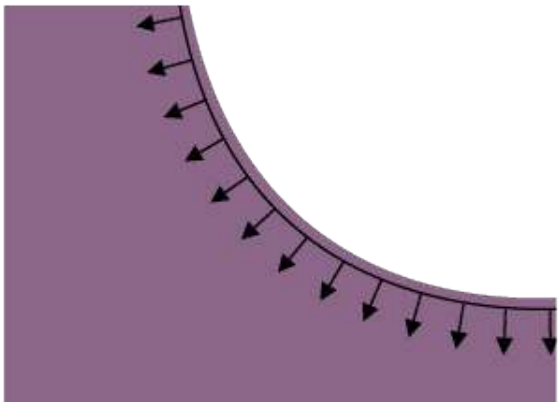
Floating Stitches

Floating stitches create a special effect where the connecting stitches are invisible. There are two different ways to use this technique; the first technique is to sew with the Bi-Level Guide Foot, a piece of stabilizer and one piece of folded fabric. The second technique is to sew two pieces of fabric together.



Radiant Stitches

Radiant stitches are an Exclusive Pfaff sewing technique. These stitches have a built in stop allowing you to sew a line of stitches in any shape. Make beautiful necklines or pocketlines on garments.



Lace Edge Stitches

Sew beautiful Lace Edge stitches on your projects using the Bi-Level Guide Foot and water soluble stabilizer.



Optional Feet Stitches

This subcategory includes special stitches for sewing techniques such as candlewicking, beading stitches and edge stitches. These techniques require special presser feet and accessories.

Note: Touch Quick Help and then touch the selected stitch in the stitch selection area to find out which special presser foot is required for that stitch.

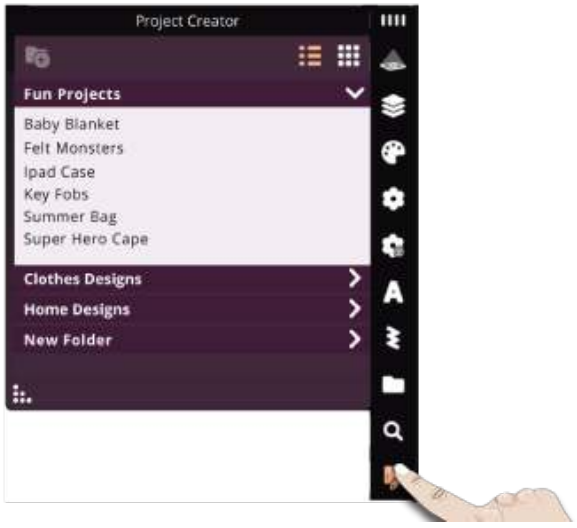


Optional Feet Icon

Project Creator

mySewnet Project Creator is a tool, where you can turn your favorite sewing or embroidery projects into step-by-step instructions. They can be shared with friends, family or anyone you might want to inspire. Here you can open and organize the projects created in mySewnet Project Creator.

Read more about Project Creator at projectcreator.mysewnet.com.



Pop-up Messages in Sewing

To make your sewing experience as convenient as possible, your machine sometimes communicate with you using pop-up messages. Those messages can contain warnings, recommendations, information or prompt you to perform an action.

Below, some of the messages that can appear are listed and explained.

Bobbin Thread Low

When the bobbin thread is running low, a pop-up message appears giving you notice that you will soon need to replace the bobbin. If you want to continue sewing without replacing the bobbin, touch the foot control and do not close the pop-up.

When the bobbin is replaced with a full one, touch OK in the pop-up.

Check Upper Thread

The machine stops automatically if the upper thread runs out or breaks. Re-thread the upper thread, close the pop-up message and start sewing.

Stitch Width Safety

When Stitch Width Safety is activated, the following pop-up message appears when you choose a stitch not suitable for stitch width safety.

Attention!

If the machine stops and this pop-up appears on the screen you need to stop sewing. Wait a moment and touch OK when it is enabled. Check the needle size and condition. Check for correct threading.

Cannot Use the Automatic Needle Threader

If using a twin needle, touch OK and thread it manually. If using a regular needle, touch OK and deselect twin needle in the settings. Press the Automatic Needle Threader button again.

Twin Needle

The following pop-up message appears when you choose a stitch not suitable for twin needle.

Remove Sensormatic Buttonhole Foot

The Sensormatic Buttonhole Foot needs to be removed before doing any of the following:

- Sewing a stitch that is not a buttonhole.
- Sewing a buttonhole that can not be sewn with the Sensormatic Buttonhole Foot.
- Sewing an adjusted buttonhole saved without the Sensormatic Buttonhole Foot in the mySewnet cloud folder.



Stitch Creator™ Feature

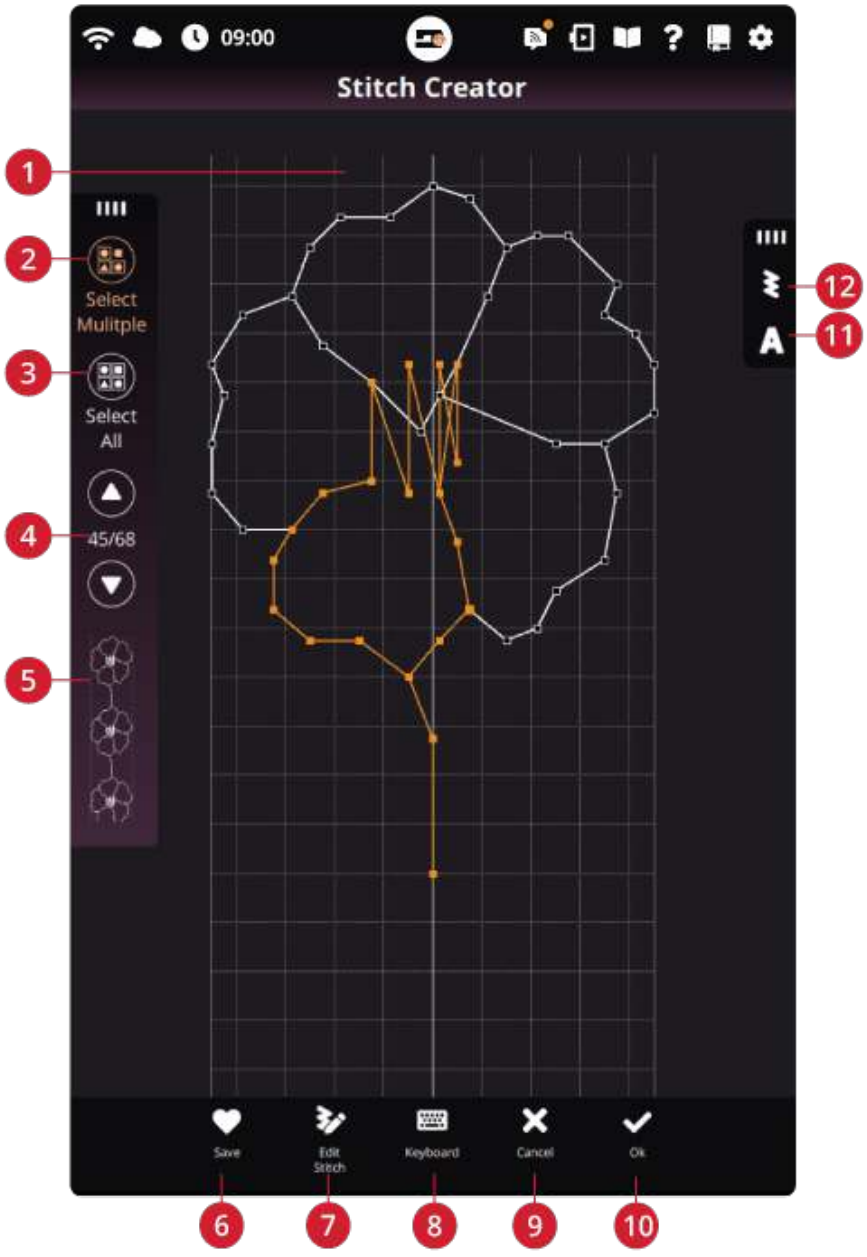
Stitch Creator™ Feature – Introduction

In the**Stitch Creator™** feature, you can create completely new stitches and adjust every single stitch point. You can create a stitch all on your own or alter already built–in stitches or letters.

The width of the stitch field is 9mm and maximum stitch length is 5mm. The grid and the vertical center line will help you to create your stitch. Your stitch can be saved to the mySewnet cloud folder or to a USB device.

Stitch Creator™ feature can be used in both Sewing Mode and in Embroidery Edit. To open, just touch the **Stitch Creator™** feature icon.

Stitch Creator™ Feature – Overview



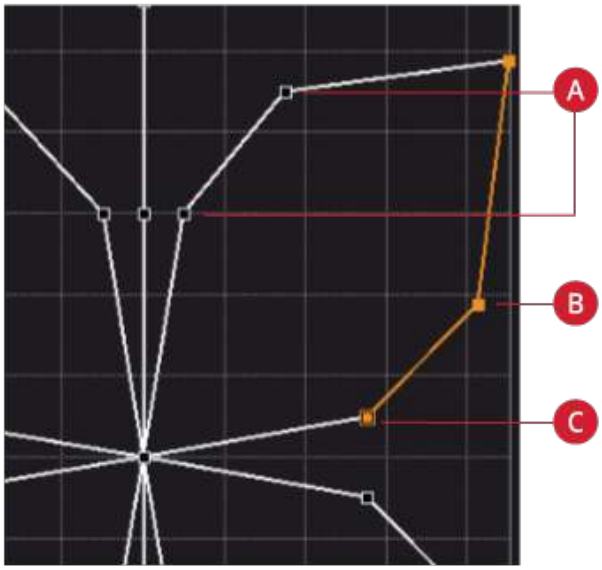
1. Stitch field
2. Select Multiple
3. Select All
4. Arrows (shows current stitch)
5. Preview
6. Save
7. Edit stitch
8. Keyboard for entering letters or numbers
9. Cancel
10. OK
11. Load Font
12. Load Stitch

Getting Started with **Stitch Creator™**

Definition of a Stitch Point

A stitch point is the point where the needle goes through the fabric. Stitches are connected by stitch points.

Each stitch point is indicated by a dot (A). A marked stitch point is indicated by a filled square (B). A selected stitch point is indicated by an outlined square (C).



Select Stitches/Stitch Points

To select a stitch point, just touch it on screen. If selecting more than one stitch point, the stitches in between will automatically be selected as well.

To mark the previous or next stitch point in your stitch, touch the Select Multiple icon and use the arrows. The current stitch position is shown between the arrows. The first number is the marked stitch point. The second number is the total number of stitch points.

To select all stitch points at the same time, touch the Select All icon.

If the icon is highlighted, it means that it is activated, and if it is not it is deactivated.

Select Multiple

To select the stitch points next to the marked stitch point, touch Select Multiple and then touch the arrows to select the next stitch point.



Use the Up arrow to select stitch points before the marked stitch point and the Down arrow to select the stitch points after the marked stitch point.

Note: If selecting stitch points using the Up arrow, you can deselect them by touching the Down arrow.

If the icon is highlighted, it means that it is activated.

Select All

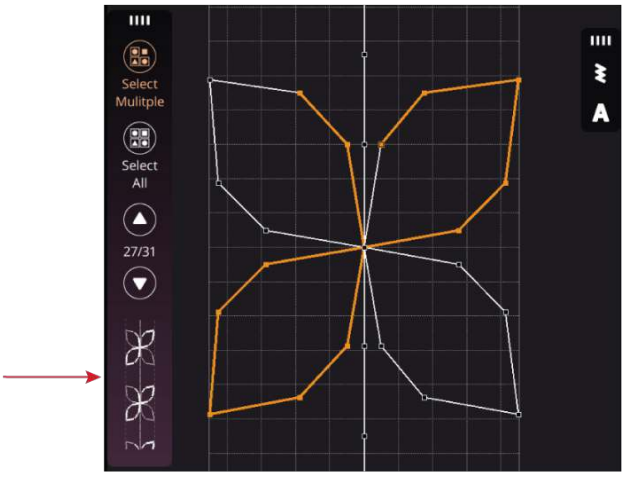
To select all stitch points at the same time, touch the Select All icon. To deselect all, touch the icon again.



If the icon is highlighted, it means that it is activated.

Preview

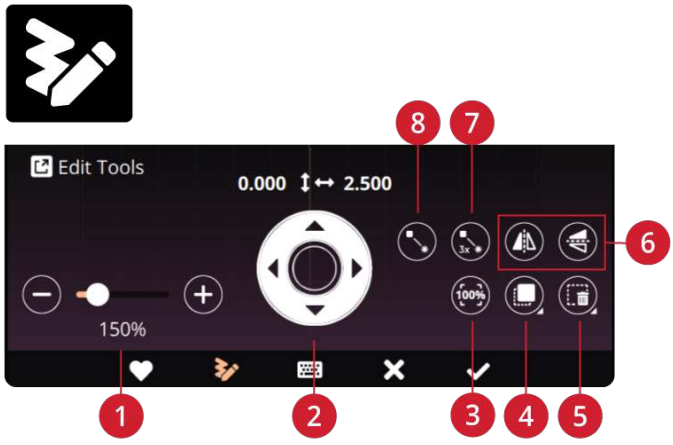
When making a stitch in **Stitch Creator™** a preview of your created stitch will appear. This will help you see what the stitch will look like when having several repeats.



Stitch Creator™ Edit Tools

Open the Edit Stitch window to find available tools for editing your stitch.

1. Zoom Slider
2. Move Wheel with Stitch Position (X=stitch needle position, Y=feeding length)
3. Zoom to 100%
4. Duplicate
5. Delete
6. Mirroring Side to Side and End to End
7. Triple Stitch
8. New Stitch Point



Zoom (1)

When using the Zoom Slider, the focus will be on the marked stitch point.

The distance between the grid lines at 100% zoom, equals 1mm on the fabric. If you zoom in on the stitch field, the distance between the grid lines will change. If zooming out, only the edge lines of the stitch field will be visible.

You can also zoom in/out by pinching and stretching.

Move (2)

To move your stitch or stitch point, you can select stitch points directly on the Multi-Touch Screen using your fingers or by touching the arrows in the wheel.

The number above the wheel (X) shows the actual needle position from the center line for the marked stitch point.

The number above the wheel (Y) shows the actual feeding length from the previous stitch point.

Zoom to 100% (3)

Zoom to 100 percent.

Duplicate Selected Stitch Point (4)

If you want to duplicate a stitch point, select the stitch point and use Duplicate to create a copy.

If several stitch points are selected, all stitch points will be duplicated and inserted after the marked stitch point.

Touch & hold on the Duplicate icon to get a pop-up where you can enter the exact number of duplicates you want to insert.

Delete Selected Stitch Point (5)

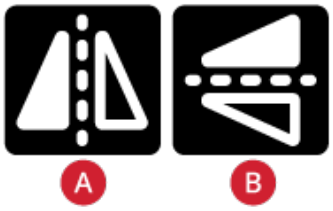
If you want to delete a single stitch point, select the stitch point and touch the Delete icon. If more than one stitch point is selected, they will all be deleted when touching the delete icon.

Touch & hold on the Delete icon to delete all stitch points in the stitch field.

Mirroring (6)

The selected stitch point(s) will be mirrored horizontally and/or vertically.

Note: Only enabled if more than one stitch point is selected.



A. Mirror Side to Side

B. Mirror End to End

Triple Stitch (7)

Touch the Triple Stitch icon and the selected stitch(es) will be tripled.

Note: Only enabled if more than one stitch point is selected.



Triple Stitch

Add a Stitch or Stitch Point (8)

You can also add an existing stitch from the stitch selection shortcut in the menu bar or the Selection Menu.

Touch the icon to insert one single stitch point. The two stitch points will create a new stitch.



New Stitch

Saving a Stitch

To save a stitch made in Stitch Creator, touch Save. A pop-up will appear so that you can name the stitch and decide where to save it. Your stitch can be saved to the mySewnet cloud folder or to a USB device. See Save Stitch for more information. Touch OK to confirm.



Embroidery Edit

In Embroidery Edit the stitch is saved as a design. Touch Save and select mySewnet cloud folder or a USB device.

Edit a Stitch Made in **Stitch Creator™**

If you are in sewing mode an want to edit a stitch created in **Stitch Creator™**, touch and hold on the work area and the Smart Toolbox will appear. Select Edit in **Stitch Creator™** and the stitch will open in **Stitch Creator™**.

Load and Sew a Stitch

To sew the created stitch touch OK in the lower right corner of the screen. The stitch will be loaded to the mode that was active when entering **Stitch Creator™** feature; Sewing Mode or Embroidery Edit.

Sewing Mode

If Sewing Mode is active when touching OK in **Stitch Creator™** feature, your stitch will be loaded to Sewing Mode and is ready to be sewn.

If you touch Cancel in **Stitch Creator™**, you will return to sewing mode without the stitch you have created in **Stitch Creator™**.

If you select another stitch in Sewing Mode and then re-open **Stitch Creator™** feature, your created stitch will not remain in **Stitch Creator™**.

Embroidery Edit

If Embroidery Edit is active when you entered **Stitch Creator™** your stitch will become an embroidery design once you touch OK. Go to Embroidery Stitch-Out and stitch it out as a regular embroidery design.

If you touch Cancel in **Stitch Creator™**, you will return to Embroidery Edit mode without the stitch you have created in **Stitch Creator™**.

If you want to edit a stitch you have created in **Stitch Creator™**, touch and hold on the work area and the Smart Toolbox will appear. Select Edit in **Stitch Creator™** and the stitch will open in **Stitch Creator™**.

Using Created Stitches in Sewing and Embroidery Mode

Stitch Creator™ feature can be used in either Sewing Mode or Embroidery Edit. A stitch created when Sewing Mode is active will not be available when opening **Stitch Creator™** feature after activating Embroidery Edit and vice versa. The created stitch will not be transferred to the other mode.

A stitch created when Embroidery Edit is active will become an embroidery design when loaded to Embroidery Edit and cannot be sewn as a stitch in Sewing Mode.

Using Created Stitches in a Sequence

A stitch created in **Stitch Creator™** feature can be used as part of a sequence. In Sequence Creator, open Selection Menu and locate your saved stitch. The stitch will be inserted at the cursor position in the sequence.

Pop-up Messages in **Stitch Creator™** Feature

To make your sewing experience as convenient as possible, your machine sometimes communicate with you using pop-up messages. Those messages can contain warnings, recommendations, information or prompt you to perform an action.

Below, some of the messages that can appear are listed and explained.

Not an Editable Stitch
Some stitches are not available to edit in **Stitch Creator™** feature. Buttonholes, stitches wider than 9mm and four direction stitches cannot be opened in **Stitch Creator™** feature.

Sequence Out of Range
Your stitch sequence can be up to approximately 500mm (20″) long. If the sequence exceeds the maximum length this pop-up will let you know that stitch or stitch point you are trying to add will make the sequence too long.



Sequence Creator

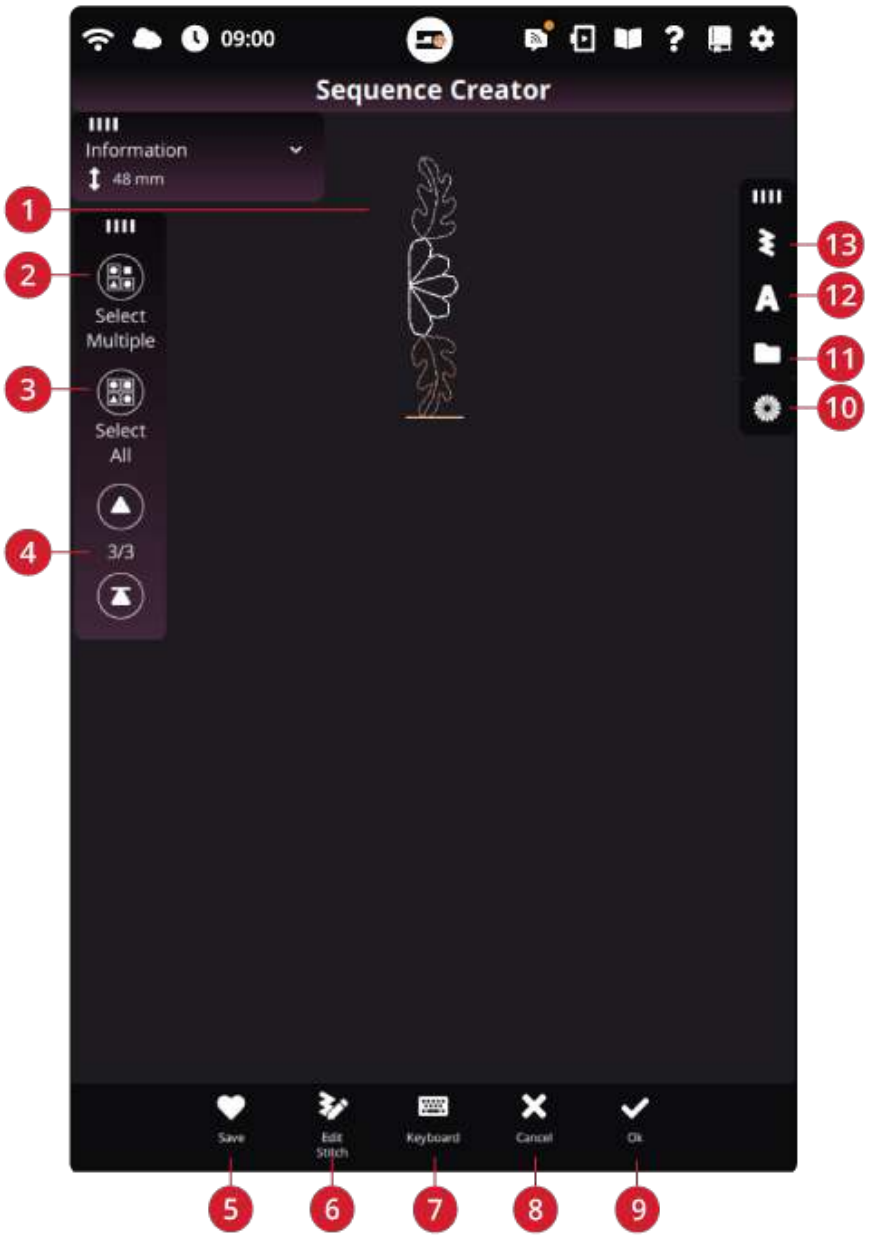
Sequence Creator — Introduction

In Sequence Creator, you can create and adjust a sequence of stitches. Combine various 9mm stitches, side–motion stitches and stitch fonts from the machine, the mySewnet cloud or from a USB device. Stitches made in **Stitch Creator™** feature can also be inserted in a sequence. You can create sequences up to approximately 500mm (20") long. You can see how long your actual sequence is in the information area.



Touch to open Sequence Creator

Sequence Creator – Overview



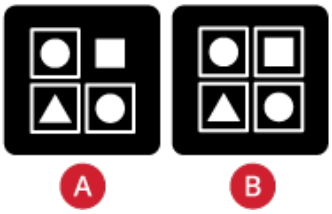
1. Sequence in actual size
2. Select Multiple
3. Select All
4. Step Between Stitches
5. Save the sequence
6. Edit Stitch Window
7. Keyboard
8. Cancel
9. OK
10. Directional Stitches
11. Load from mySewnet Folder
12. Load Font
13. Load Stitch

Getting Started with Sequence Creator

To start creating a sequence, select a desired stitch in the Menu Panel and add it to the sequence. To create a sequence from letters, select a desired font in the Menu Panel and load it to the sequence. The active position is marked by a cursor and the selected stitch or letter will be highlighted. Only the selected stitch/stitches can be adjusted. Inserted stitches will be placed at the cursor position.

Touch Select Multiple to select several stitches in a sequence. Touch Select All to select all stitches.

Move the cursor through the sequence using the arrows. The number of selected stitch and total number of stitches in the sequence are shown between the arrows. When sewing a sequence it is possible to start sewing anywhere in the sequence. Use the arrows to step through the sequence.



A. Select Multiple *B. Select All*

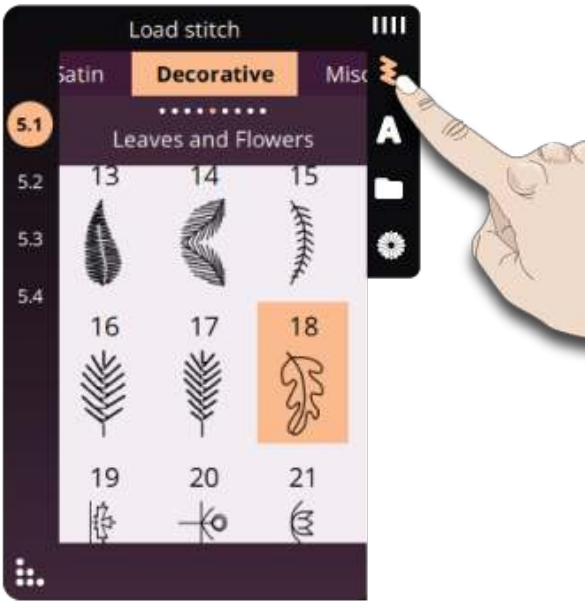


Step through the sequence with the arrow icons

Load a Stitch

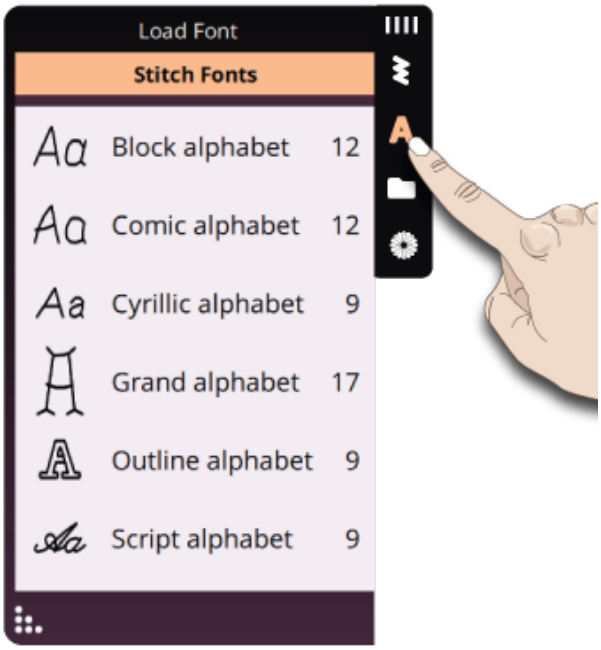
Move the cursor where you want to add a stitch. Touch Load Stitch and select the desired stitch. Available stitch categories are listed horizontally, swipe to see more categories. Select a category by touching it and then touch a subcategory to view the available stitches. Touch a stitch to load it to Sewing Mode. The select stitch window can be expanded if you touch and drag the triangle in the lower corner. The entire Menu Panel can be moved around on the screen, simply touch & hold on the colored panel top to move it where you want it to be placed. It will be placed at the cursor position.

Note: Buttonholes and Four Directional Stitches cannot be programmed.



Load a Font

Move the cursor where you want to add a letter and touch Load Font to select a desired font. Available fonts are listed vertically, swipe to see more. Touch a font to open a keyboard and touch the letters you want to add.



Directional Stitches

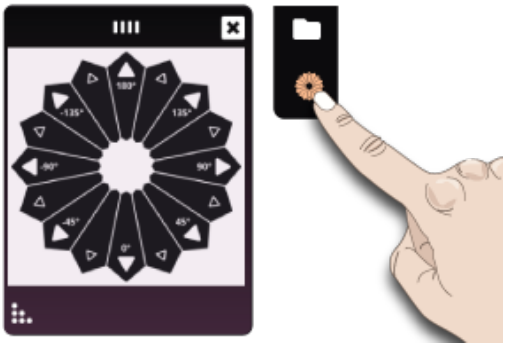
Add Directional Stitches between stitches in a sequence. These stitches makes it possible to move stitches in various directions and you can create new shapes and wider large-area borders.

Directional Stitches are straight stitches with a length of approximately 1mm and can be used in 16 different directions.

Touch Directional Stitches in the Menu Panel to access different angles.

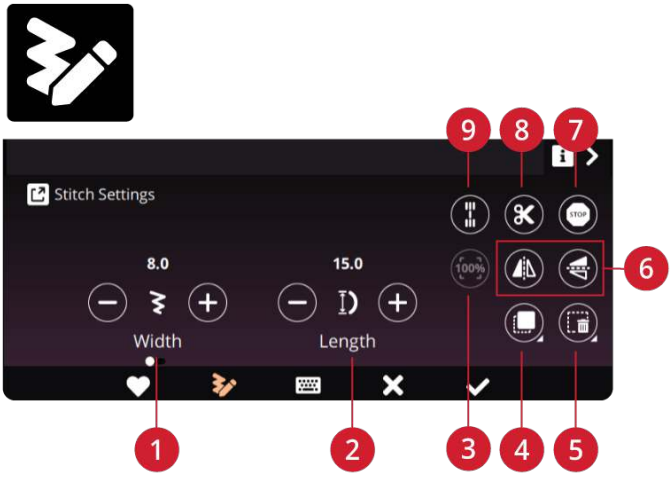
Touch your intended angle on the Directional Field and one stitch will be inserted in the sequence at the cursor position.

The Directional Stitch can be deleted, duplicated or mirrored without closing the directional stitches pop-up.



Edit and Adjust Your Sequence

Touch "Edit Sequence" to open a window with editing possibilities for the stitches in the sequence.



1. Stitch Width
2. Stitch Length
3. Zoom to 100%
4. Duplicate
5. Delete
6. Mirror End to End and Side to Side
7. Add Stop Command (described below)
8. Add Cut Command (described below)
9. Add Tie-Off (described below)

Adjust Width (1) and Length (2)

You can adjust the length and width of the stitch or change the density or position of the selected stitch. The adjustments work just like in Sewing Mode.

Zoom to 100% (3)

Zoom to 100 percent.

Duplicate a Stitch or Letter (4)

To duplicate a stitch, move the cursor to the stitch you want to duplicate. Touch the Duplicate icon to copy the selected stitch.

Note: Make your adjustments on the stitch before duplicating and the copied stitch includes the adjustments.

Touch & hold to get a pop-up where you can enter the exact number of copies you want to insert.

Delete a Stitch or Letter (5)

If you want to delete a stitch or letter, touch the stitch or move the cursor to the stitch or letter you want to delete and touch Delete. Touch & hold to delete the whole sequence.

Replace a Stitch or Letter

To replace a stitch; simply select it, touch Delete and insert the new stitch.

It will be placed at the cursor position.

Sequence Commands

You can insert Tie-Off, Stop and Thread Cut commands into the sequence. These commands will be included in the sequence and will always be performed when sewing it.

Use the Tie-Off command if you want a secure Tie-Off. You can insert the Tie-Off commands anywhere in the sequence.

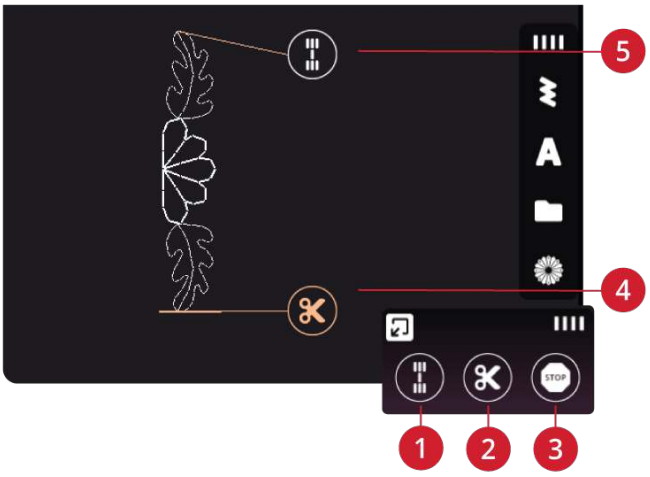
Note: If creating a sequence in embroidery mode, Tie-Off at the beginning and end will be added automatically, allowing you to create a sequence in between. The commands can be removed.

Insert a Stop command if you want the machine to stop. This is useful for example at the end of the sequence if you want to sew it only once or to create a sequence in several rows.

Insert a Thread Cut command if you want the machine to Tie-Off and Cut the threads and raise the presser foot.

Move the cursor to the position where you want to add a command. Select it and an icon will be added into the sequence. This confirms that the command is inserted and it also shows where the command will be performed in the sequence.

Note: The commands will appear on the screen in the order you program them.



1. *Tie-Off*
2. *Cut command*
3. *Stop command*
4. *Cut command inserted in sequence*
5. *Tie-Off inserted in the beginning of sequence*

Saving a Sequence

To save your file, touch the Save button and a pop-up will appear on the screen. In the save pop-up you can choose to save the file to the mySewnet cloud folder or to a USB device. Previously saved designs, stitches, sequences and/or fonts are shown. Name your file using the keyboard and touch the OK button.

If you want to save to a folder, simply touch & hold on the folder to open it, then name your file using the keyboard and touch OK in the pop-up to save. To create a new folder, simply touch the create new folder button, name the folder using the keyboard and touch OK. Then touch & hold on the folder to open it and save into the new folder.

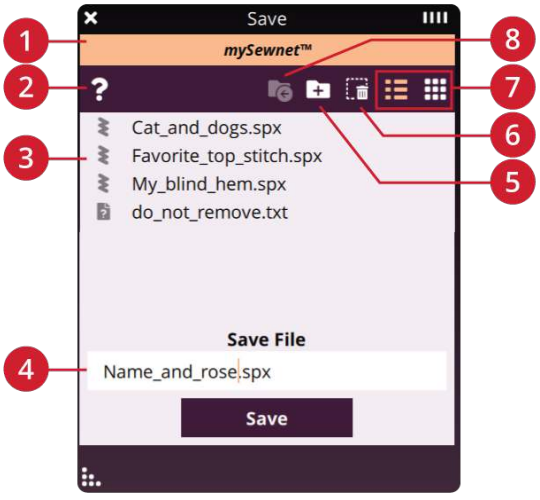
Touch List and Thumbnail View to toggle between showing the files in a list or as thumbnail icons. In List View each file is shown with the file name and file type. In Thumbnail View each file is shown with file name and a thumbnail image of the file.

To cancel the save process, close the pop-up window by touching Close. The save pop-up will close and you will return to Sequence Creator.

Learn how to organize your saved files in File Manager.



Save button



1. *Save to mySewnet cloud Folder or USB (if connected)*
2. *Quick Help*
3. *Saved Stitches*
4. *File Name*
5. *Create New Folder*
6. *Delete selected stitch*
7. *List and Thumbnail View*
8. *Move to folder*

Sew or Embroider Your Sequence

To sew your stitch sequence, load it to Sewing Mode by touching OK in Sequence Creator.

If you have opened Sequence Creator in Embroidery Edit, touching OK will load your sequence to Embroidery Edit.

Note: A sequence created in embroidery mode will be loaded and saved as a design and can not be sewn as a stitch in Sewing Mode.

Adjust the Entire Sequence

To adjust the entire sequence, enter sewing mode by touching OK. Adjustments made in Sewing Mode will affect the entire sequence. Read about Edit Stitch in the Sewing chapter.

Using Sequence Creator in Sewing Mode and Embroidery Edit

In Sewing Mode it is possible to start sewing anywhere in the sequence. Use the arrows to step through the sequence. In Sewing Mode you can edit your entire sequence.

If you are in Sewing Mode an want to edit a stitch in the sequence, touch Edit Stitch. Then touch "Edit in Sequence Creator" and the stitch will open in Sequence Creator. Make your adjustments and touch OK to load it to Sewing Mode again. Touch Cancel to undo.

Note: Touch and hold in the stitch field area to open the Smart Toolbox to access Edit in Sequence Creator.

In Embroidery Edit you can make changes to your sequence just like when editing a design by touching the Edit icon and/or Edit Stitch icon.

If you want to edit a sequence loaded to Embroidery Edit touch the sequence and the Sequence Creator will be highlighted. Touch to open Sequence Creator again. Make your adjustments and touch OK to load it to Embroidery Edit. Touch Cancel to undo.

Pop-up Messages in Sequence Creator

To make your sewing experience as convenient as possible, your machine sometimes communicate with you using pop-up messages. Those messages can contain warnings, recommendations, information or prompt you to perform an action.

Below, some of the messages that can appear are listed and explained.

Stitch Cannot be Added in Sequence
Some stitches are not possible to insert in a stitch sequence, for example buttonholes and special stitch menus such as 4-Way stitches.

Maximum Number of Stitches Has Been Reached
The stitch you are trying to add will make the stitch sequence too long. Your stitch sequence can be up to approximately 500 mm (20”) long and contain up to 199 stitches and commands. If the stitch sequence exceeds the maximum length this pop-up message will appear.



Embroidery Edit

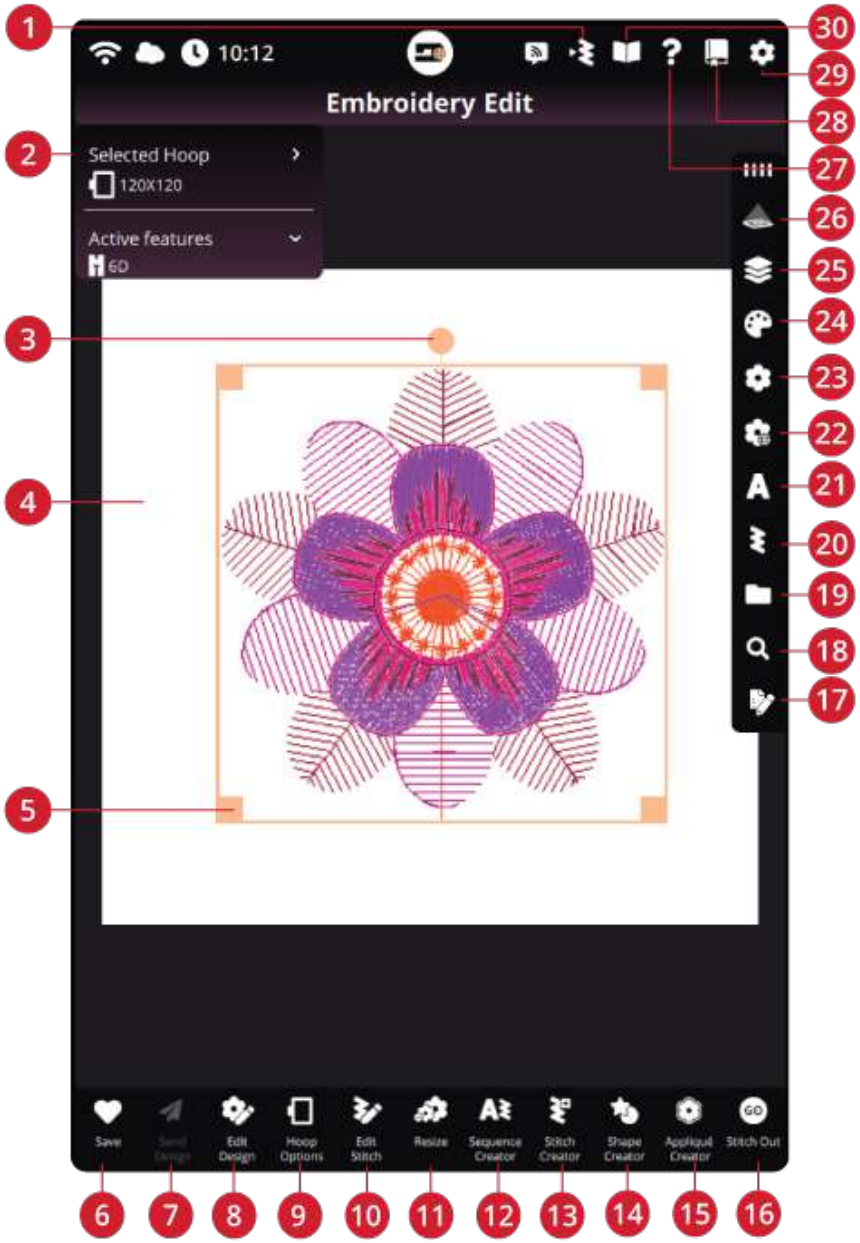
Embroidery Edit — Introduction

In Embroidery Edit you can adjust, combine, save and delete designs, stitches and fonts.

You can edit your design combinations without having the embroidery unit connected to your machine. The loaded design(s) are shown in the embroidery area.

The projection function will let you see your design(s) projected onto the fabric. You can also see your fabric as background in Embroidery Edit, using the “Scan background” function.

Embroidery Edit – Overview



1. Toggle between Sewing Mode and Embroidery Edit
2. Information Area
3. Rotate Handle
4. Embroidery Area
5. Scale Handles
6. Save
7. Send
8. Edit Design
9. Hoop Options
10. Edit Stitch
11. Resize
12. Sequence Creator
13. **Stitch Creator™** feature
14. Shape Creator
15. Appliqué Creator
16. Go to Embroidery Stitch-Out
17. Project Creator
18. Search
19. File Manager
20. Load Stitch
21. Load Font
22. Load from mySewnet
23. Load Design

24. Color Edit
25. Layers
26. Projection
27. Quick Help
28. Help Center
29. Settings
30. Built-in User's Guide

Getting Started with Embroidering

Touch "Embroidery" to enter Embroidery Edit. If you are already in Sewing Mode, touch the toggle between Sewing and Embroidery icon to enter Embroidery Edit. Touch Load Design to open the Design Menu and select a design. You can also open a design from mySewnet Library. Also Fonts and stitches can be embroidered.



Load a Design

Touch Load Design to open the Design Menu and select a design. Available design categories are listed horizontally, swipe to see more categories. All available designs within the same category are listed vertically, swipe to see more designs. Touch & hold on a design to load it to Embroidery Edit and place it where you like. Touch once to select a design and touch again to load it to Embroidery Edit, it will be placed in the center of the hoop. The Design Menu window size can be changed by touching and dragging on the colored triangle in the lower corner. The entire Menu Panel can be moved around on the screen. Simply touch & hold on the panel top to move where you want it to be placed.



When a design is selected, information about the design will be shown in the bottom bar of the Design Menu.

Touch & hold on a design to load it directly to Embroidery Edit without the preview.

When a design is selected, information about the design will be shown in the Information Area.

Note: You can load saved designs from the mySewnetcloud folder and from a USB device in File Manager.

mySewnet Library

mySewnet library is a subscription service where you can get access to thousands of embroidery designs. Visit our website to read more about this service and start your subscription.

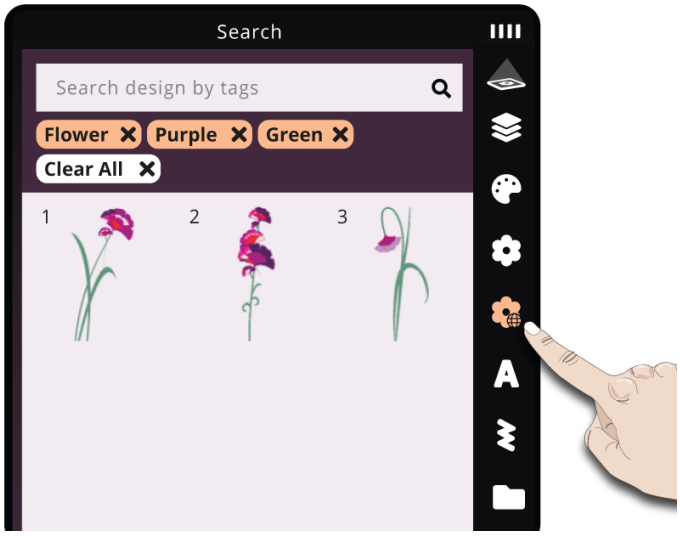
If you have a subscription, WiFi is connected and you have logged in to your mySewnet account, the mySewnet library will be visible in your machine. Here you can scroll and select from all your mySewnet library designs.

Use the search function to find different types of designs. There are several ways to filter and sort designs. Filter designs by size by changing the maximum width and/or maximum height. Designs you've marked as favorite designs in mySewnet can also be filtered in your machine if you touch the favorite designs button.

You can also sort the designs by color block count, size (area) or stitch count. Touch the sort from button to sort from highest to lowest value. Touch the sort from button again to sort from lowest to highest value instead.

To remove all applied filters and clear your search, touch reset.

If you haven't started a subscription yet, the mySewnet library menu will still by visible in your machine, but no designs in this menu will be shown.

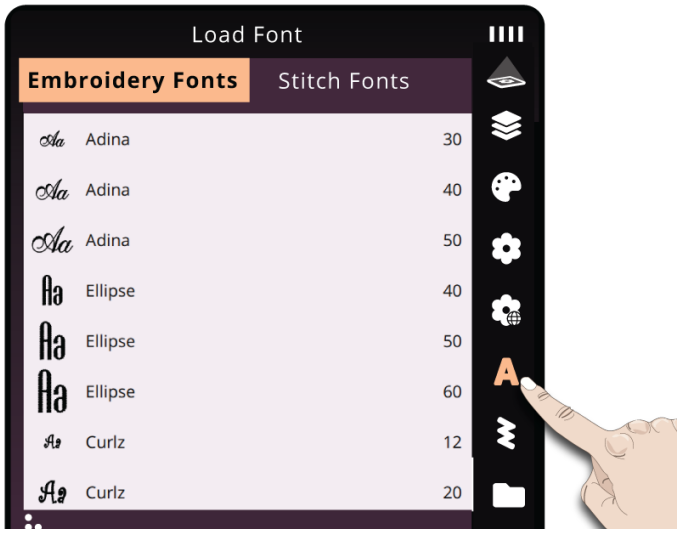


Load a Font

Text can be created with embroidery fonts and stitch fonts. If you select a font the embroidery text keyboard will open.

Read about Embroidery Text.

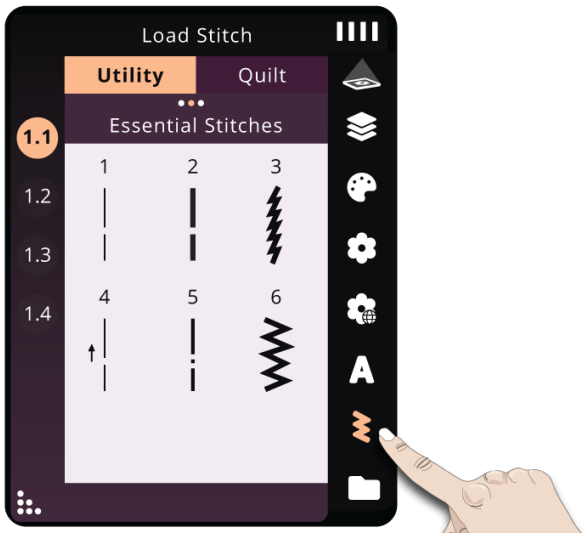
Note: You can load saved fonts from the mySewnet cloud folder and from a USB device in File Manager.



Load a Stitch

Touch Load Stitch to open the Stitch Menu and select a stitch. Available stitch categories are listed horizontally, swipe to see more categories. All available stitches within the same category are listed vertically, swipe to see more stitches. Touch & hold on a stitch to load it to Embroidery Edit. The Stitch Menu window size can be changed by touching and dragging on the colored triangle in the lower corner. The entire Menu Panel can be moved around on the screen. Simply touch & hold on the panel top to move where you want it to be placed.

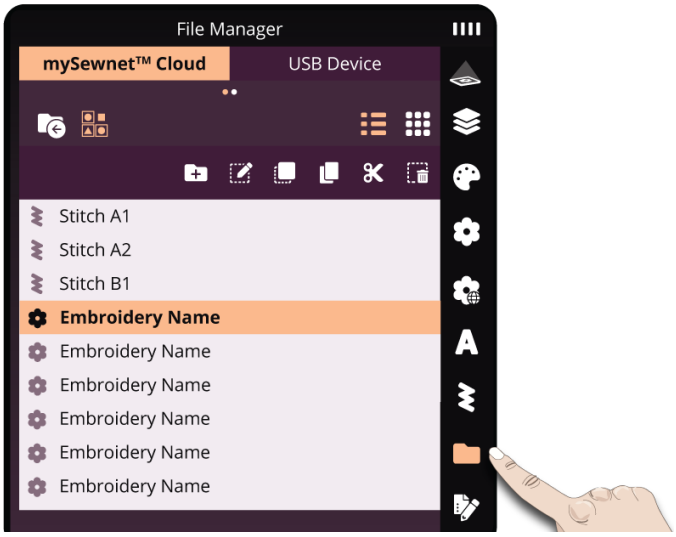
Touch & hold on a stitch to load it directly to the embroidery area without the preview.



Load From Another Location

Load designs, stitches or sequences that you have saved in your mySewnet cloud folder or on a USB device from File Manager. Open the File Manager by touching the folder-icon. Here you can access the stitches that you have saved in your mySewnet cloud folder or on a USB device. Touch and hold the stitch file to load it.

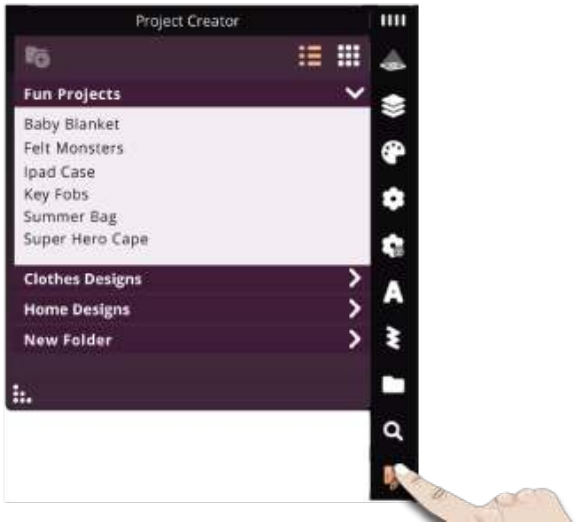
It is possible to load previously stored patchwork, single stitch and tapering programs into Embroidery Edit to stitch out in the hoop.



Project Creator

mySewnet Project Creator is a tool, where you can turn your favorite sewing or embroidery projects into step-by-step instructions. They can be shared with friends, family or anyone you might want to inspire. Here you can open and organize the projects created in mySewnet Project Creator.

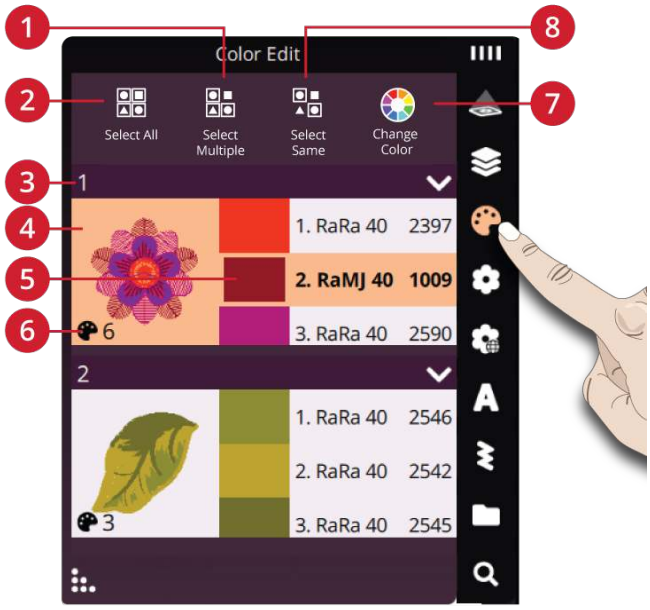
Read more about Project Creator at projectcreator.mysewnet.com.



Color Edit

Touch the Color Edit icon to view the color blocks in the selected design(s).

1. Select multiple colors
2. Select all colors
3. Color blocks for design number 1
4. Design thumbnail
5. Color block and color number
6. Number of colors in the design
7. Change color
8. Select equal colors



Change Color

You can edit the colors in your design. Each color block is represented in a color block list next to the design thumbnail image in the Color Edit window. Touch the color that corresponds to the color block that you want to change. Touch the Change Color icon to open a window where you can select a new color.

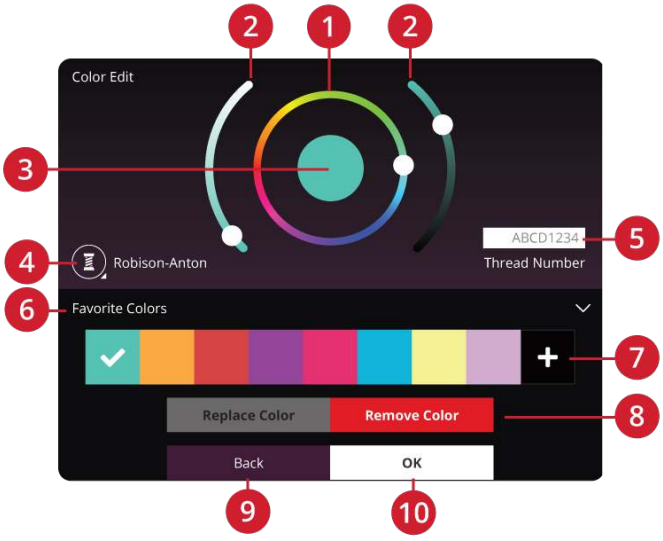
Move the slider in the color selection wheel (1) to the color you prefer. Set the shade by moving the sliders in the bars on respective side of the color wheel (2). The currently selected color is shown in the color circle (3).

You can also select a color by choosing from a thread color list (4) or by entering a specific thread color number (5).

If you want to save a color as a favorite, open the "Favorite Colors" menu (6). Touch the "+" to save a color (7). Touch a color from the list to select it. A selected color can also be replaced or removed by touching the respective function (8).

If you regret a color selection, touch "Back" (9) and you will return to Embroidery Edit without changing color.

When you are satisfied with your color selection, touch "OK" (10) to confirm.



Change More Than One Color Block

To change the thread color on more than one color block at a time, touch the Multi-Select icon, then touch the color blocks to select the ones you want to change.

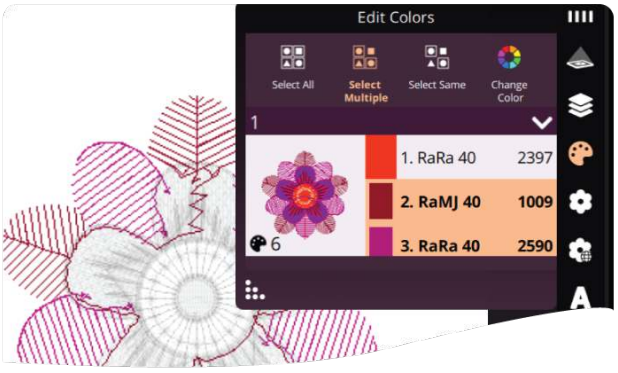
Touch the Select All icon to make changes to all color blocks at one time. The Multi-Select icon is automatically selected.

Use the Select Equal icon to change all the same color blocks at one time. Touch the color block you want to change, then touch the Select Equal icon to select all identical color blocks in the list. The Multi-Select icon is automatically selected. If two or more different color blocks are selected, Select Equal will select all identical color blocks of all of the selected colors.

On-Screen Display of Selected and Non-Selected Color Blocks

Selected color blocks are highlighted. Color blocks that are not selected will be greyed out in the embroidery area on the screen to make it easy to see which color blocks in the design will be changed.

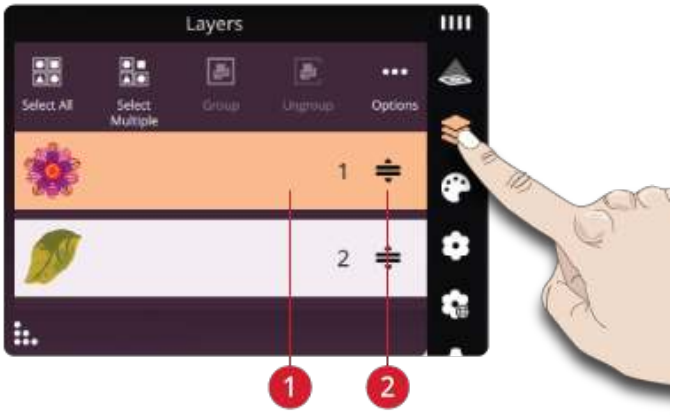
Touch the selected color block to deselect and show all color blocks in the embroidery area again.



Layers

Touch to open the Layers Menu where you can arrange stitch-out order of loaded designs.

1. Highlight indicates selected design.
2. Touch & hold on the icon to drag and drop the design to another place in the list.

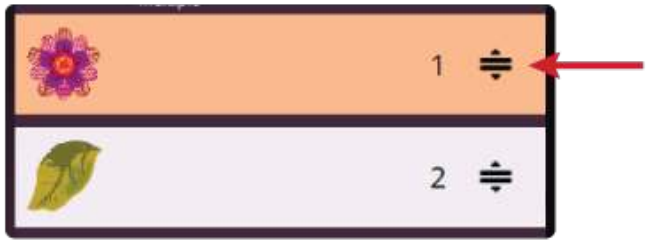


Select Design(s)/Change Stitch-Out Order

The designs in Layers window are numbered.

By default, the designs will be stitched out in the order they are loaded to the embroidery area.

To change stitch-out order, touch & hold on the "layer order" icon and then drag and drop it at another place in the list.



Select One Design

To select one design, simply touch the design on the screen, or in the layers window. The selected design will be surrounded by a selection frame in the embroidery area and indicated with a different background color in the list.

Select All

If you want to select all designs, simply touch the Select All icon. All designs on your screen will be surrounded by design selection frames. You can now make changes to all of the selected designs. If you want to combine all the designs into one design, touch the Group/Ungroup icon.

When you touch the Select All icon it activates the Multi-Select icon so you can mark/unmark any design.



Select All

Select Multiple

Select Multiple allows you to select two or more of the designs on your screen at the same time. Touch the Select Multiple icon and then touch the designs on the screen you want to select. Alternatively select the thumbnail pictures in the Layers window. A design selection frame will surround the selected designs; both the thumbnail pictures in the Layers window and the designs in the embroidery area. To deselect, touch the designs again or in the Embroidery Area and the design selection frame will disappear.



Select Multiple

Group/Ungroup

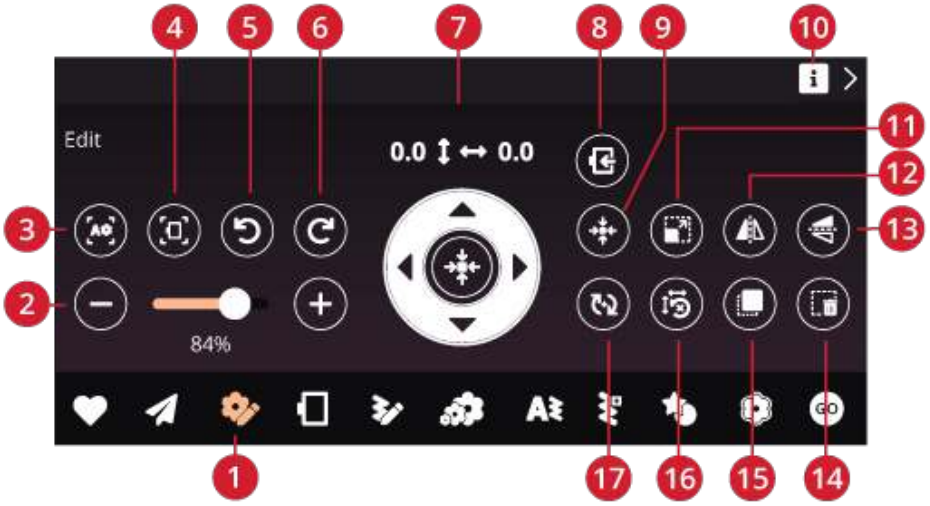
If you have selected two or more designs and want to combine them to be adjusted as one design, touch the Group/Ungroup icon. A design selection frame will surround each design that is selected and, when grouped, the design selection frame will surround all of the designs in the group. To ungroup, touch the Group/Ungroup icon again and they will once again become individual designs.



Group/Ungroup

Edit Functions

You can move, rotate, scale and pan directly on the Multi-Touch Screen using your fingers.

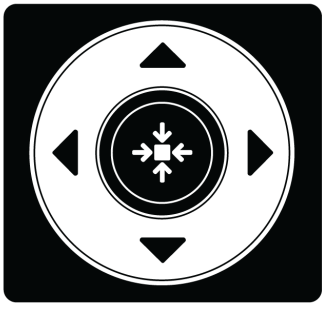


1. Edit Design — touch to open the edit design window
2. Zoom Slider
3. Zoom to All
4. Zoom to Hoop
5. Undo
6. Redo
7. Control Wheel
8. Move into hoop — this icon appears when a design is placed outside the hoop area
9. Move
10. Information — touch to open icon explanations
11. Scale
12. Mirror Side to Side
13. Mirror End to End
14. Delete/Delete All
15. Duplicate/Multi Duplicate
16. Original Size
17. Rotate

Control Wheel

Touch the selected design with your finger to position it anywhere in the embroidery area. Use the arrows in the Control Wheel to fine tune.

The Control Wheel varies in appearance depending on which function it is used for.



Control wheel

Move

Touch and move a selected design with your finger to position it anywhere in the embroidery area.

You can also touch the Move icon and use the arrows to adjust the position of the selected design(s). The numbers above the arrows show the horizontal and vertical distance from the center of the hoop for the selected design(s).

Touch the Move to Center icon to position the selected design(s) in the center of the hoop.



Move



Move to center

Rotate

Rotate the selected design(s) by touching the rotate handle located in the center of the top of the design selection frame and move your finger on the screen.

You can also touch the Rotate icon and use the arrows to adjust the rotation of the selected design(s). Each touch on the 90 degrees icon rotates the selected design(s) 90 degrees clockwise. The number above the arrows shows, in degrees, the current rotation angle.



Rotate



Rotate 90 degrees

Scale

With the scale function, you can increase or decrease the size of the selected design(s) +/- 20% without changing the number of stitches.

Scale the selected design(s) by touching one of the scale handles in the corners of the design selection frame and move your finger on the screen. When scaling a design the Original Size icon will be enabled. Touch the icon and the design will return to the original size.

You can also touch the Scale icon and use the arrows to adjust the size of the selected design(s). The numbers above the arrows shows current width and height.

By default the proportions are locked. This is indicated with a closed padlock in the center of the control wheel. Touch the padlock in the center of the control wheel to unlock and activate individual scaling of width and height.

Note: To increase or decrease a design more than 20%, use the Resize function.



Scale locked



Scale unlocked

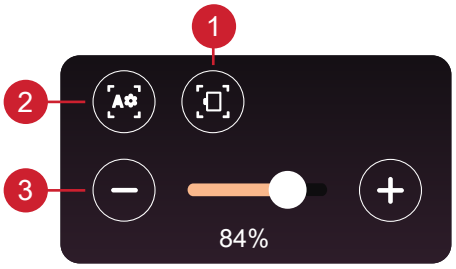


Original size

Zoom Options

Zoom to all will show all the design(s) in the embroidery combination. Zoom to hoop will adjust the embroidery area to fit the selected hoop.

Use the Zoom Slider and move to the right to zoom in and to the left to zoom out. The percentage of magnification will be shown above the slider.



1. Zoom to Hoop

2. Zoom to All

3. Zoom Slider

Duplicate/Multi Duplicate

Select Duplicate to make a copy of your selected design (s).

Touch & hold on the Duplicate icon to open a keypad and enter desired number of copies you want to add.



Delete/Delete All

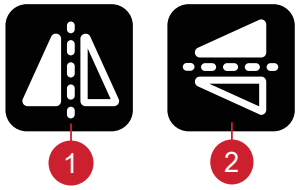
Touch the Delete icon, and the selected design(s) will be deleted from the embroidery area. If more than one design is selected, a pop-up message will appear. Touch OK to confirm to delete selected designs.



If you touch & hold on the Delete icon a pop-up will appear to ask if you want to delete all loaded designs from the embroidery area. Touch OK in the pop-up message to confirm.

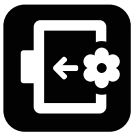
Mirroring

To mirror a design sideways, select Mirror Side to Side (1). To mirror a design lengthwise, select the Mirror End to End (2)



Move into Hoop

A red frame will surround the embroidery area if a design is placed outside the hoop area. Select Move Into Hoop to move any design that is outside the hoop area into the hoop area. The design will be placed at the outermost edge of the hoop.

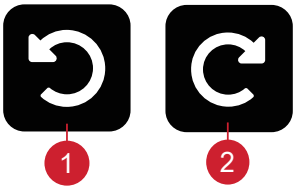


Undo/Redo

Touch the arrow pointing left to undo your latest design adjustment. Touch repeatedly to step back through your adjustments.

Touch the arrow pointing right to redo your latest design adjustment. Touch repeatedly to step forward through your adjustments. Redo is only activated when undo has been touched.

Note: Not all adjustments can be undone. They will be greyed out if undo/redo are not possible.



1. Undo

2. Redo

Pan

To pan the embroidery area, touch anywhere outside the loaded design(s) and move your finger.

To return to centered view of the hoop, touch Zoom to Hoop.

Send Design

Send selected embroidery designs directly to other mySewnet enabled devices. Choose any of the available devices by touching it. The pop-up closes and the selected design(s) are sent.



Note: You can only send designs to devices connected to the same mySewnet account.

Hoop Options

In Hoop Options you can change the embroidery area background, background color, hoop size and activate/deactivate a grid.



Hoop (1)

A list is shown with hoop choices, including hoops that are available to purchase from your authorized PFAFF® retailer.

Touch one of the hoops in the hoop size list to select the correct hoop size.

Note: You can select a specific default hoop size in Settings. The machine will then always select this hoop when loading a design, independent of the design size.

Scan Hoop (2)

You can use your fabric as a background in Embroidery Edit.

Touch Scan Hoop. If you haven't already attached the embroidery unit, a pop-up will appear telling you to do so.

The embroidery arm will need to calibrate. When the calibration is complete, attach the hoop you want to use.

The scanning process will start when the hoop is attached and you have given approval for the next step. If you want to cancel the process you can press cancel in the pop-up window.

When the process is done, you will see the scanned background in the embroidery area.

Background (3)

Customize your the embroidery area by choosing from different type of backgrounds. You can use your scanned hoop, a color similar to your fabric, or a Design Placement background from the mySewnet app.

Grid Options (4)

Activate/deactivate grid by touching the check box.

Use the grid as a guide when you combine or place designs.

You can set the distance between the grid lines by entering a number in the keypad.

Note: Touch & hold on the Embroidery Area to open the Smart Toolbox and select Grid On/Off.

Background Color (5)

Choose between different background colors for the embroidery area that matches the color of the fabric you will use.

Edit Stitch

Touch Edit Stitch to open the control window for adjusting selected stitch.

Touch Edit Stitch to close the control window.

Note: The default setting is always shown in white numbers.

Read about adjusting your stitch in Edit Stitch.

Resize

Resize can reduce or increase an embroidery design. The machine recalculates the number of stitches in the design so the original stitch density remains.

Note: To reduce or increase the design less than 20%, use the Scale function. The Scale function does not change the stitch count.



Resize

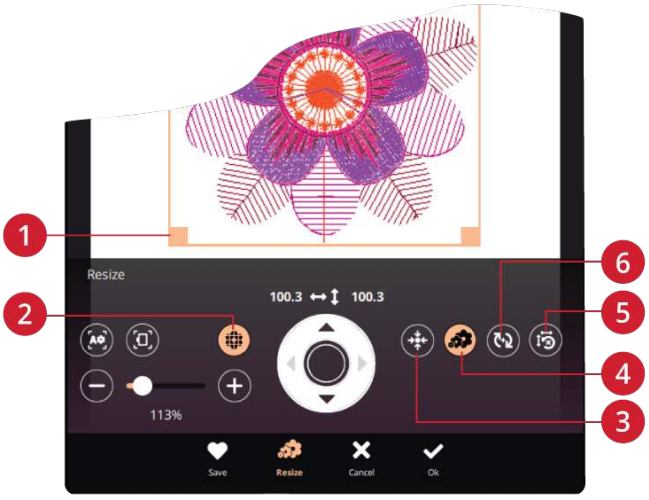
Resize Adjustments

Touch the Resize icon to open the Resize window. To change the size of the design, touch one of the Resize handles in the corners of the design selection frame and move your finger on the screen. When resizing, the height and width of the design are always adjusted proportionally. You can also use the arrows in the Control Wheel to reduce or increase the design. The numbers above the wheel show the current width and height in millimeters.

When you resize a design the Original Size icon will be enabled.

Touch to return to the original size (length and width).

Adjust the placement of the design in the hoop using Move and/or Rotate.



1. *Resize Handles*
2. *Retain Filltype*
3. *Move*
4. *Resize*
5. *Original Size*
6. *Rotate*

Retain Fill Type

Some fill areas in an embroidery design are made in a specific fill type to achieve the best results. When enlarging or reducing a design, the stitches in the fill area will be affected. The Retain Fill Type function is selected by default, this will keep the fill types as they were originally created.

Retain Fill Type gives the best result in most cases. If your design becomes distorted, try resizing without retaining the fill type. Reload the original design, deselect Retain Fill Type and resize your design again.



Retain Fill Type

Embroider Your Resized Design

When you are satisfied with the design size and position, touch OK. The resize window will close and your resized design is loaded to the embroidery edit window.

Touch cancel to return to embroidery edit without resizing.

Note: Stitches and stitch programs cannot be resized.

Important Resize Information

Since designs are digitized for a specific design size, it is important to consider the following information about resize. Always embroider a test sample of your resized design before embroidering on a project.

- Resize is always proportional. If you reduce a design 30%, it will be 30% smaller in both length and width. If the design is very detailed, some of it may be lost or distorted, and/or it can become very dense. Some designs, especially those with lots of detail, should not be reduced more than 25%.
- Designs can be resized larger than the selected hoop. After resizing, make sure the design fits or select a larger hoop for the machine to be able to embroider it.
- If you enlarge a design too much, you may see stitch irregularities. Touch the Original Size icon to return to original size and resize to a smaller percentage for a better result. Please use the embroidery software to resize very large and complex designs. It is available to purchase from your local authorized retailer.
- It does not matter in which order you select functions to adjust the size, position and rotation. When you touch OK, your machine always resizes first and then adds the other adjustments.
- It is recommended that you scale instead of resize to change a design less than 20%. Scale is also recommended for designs digitized with single or triple stitches, such as cross stitch embroideries. In this case, you do not want to add stitches to the design, you only want to make the design larger or smaller by making each original stitch larger or smaller.
- Always start with the original design when resizing. This is to ensure the best possible stitch quality. If a resized design is saved, and then resized again, it can cause stitch irregularities.

Embroidery Text

To create a text, start by selecting an embroidery font. Use the keyboard to write your text and touch OK when finished to close the keyboard. If you want to adjust an existing text in embroidery edit, select the text design, touch & hold on the embroidery text to open the Smart Toolbox and select Edit Embroidery Text.

Create a Text

Use the keyboard and touch the letters you want to add to the text. The text is shown in the embroidery area and in the text area above the keyboard.

You can change the font and the size of the entire text by touching another embroidery font in the font menu. The text that is written will change to the new font and/or font size in the embroidery area.

Add a Letter

Use the cursor arrows to move the cursor to where you want to add a letter into a text. Touch the letter and it will be inserted at the cursor position. You can also touch with your finger in the text area to move the cursor.

Delete a Letter

To delete a letter, place the cursor after the letter to be deleted. Touch the Delete icon. If you want to delete all text that is written, touch & hold the Delete icon. A pop-up will appear to ask you if you want to delete all.

You can also touch & hold in the embroidery area to open the Smart Toolbox and select delete or delete all.

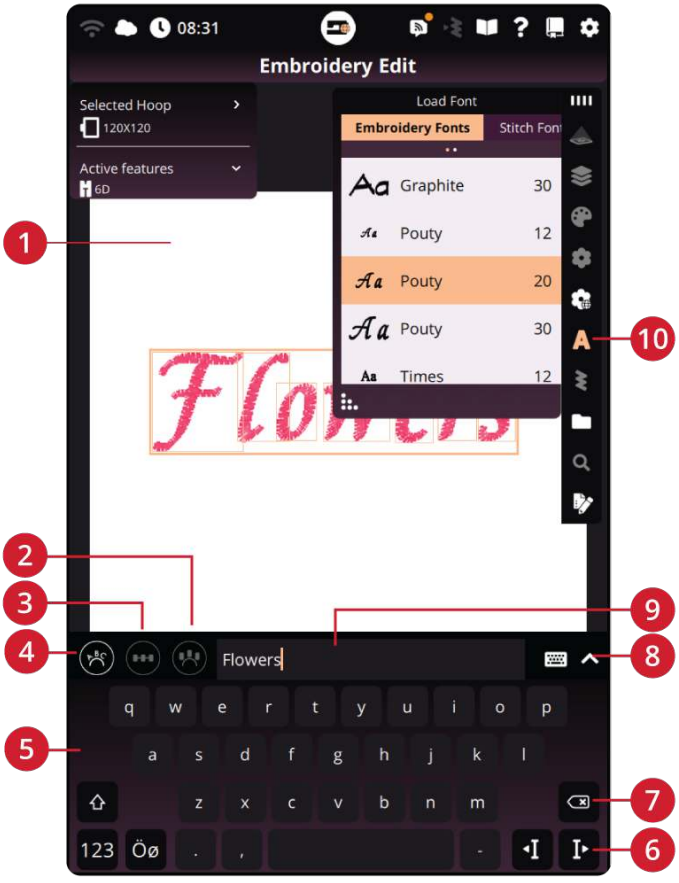
Text Shaping

You can shape your written text with different shaping functions.

Select Text Shape

Touch the Select Text Shape icon to open and select a shape line. Touch a shape line and your text will follow the shape line on the screen. The arrow indicates the direction your text will follow when adding letters to the shape line.

To change the size of the shape, touch one of the scale handles in the corners of the design selection frame and drag your finger on the screen.

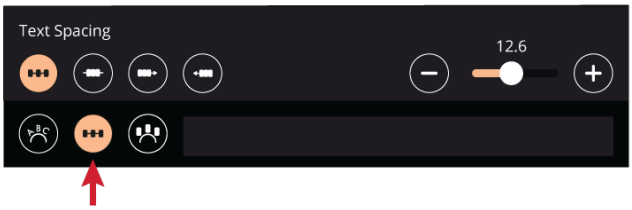


1. *Embroidery Area*
2. *Select Letter Angle*
3. *Select Text Spacing*
4. *Select Text Shape*
5. *Keyboard*
6. *Cursor Arrows*
7. *Delete*
8. *Close the keyboard*
9. *Text Area*
10. *Load Font*



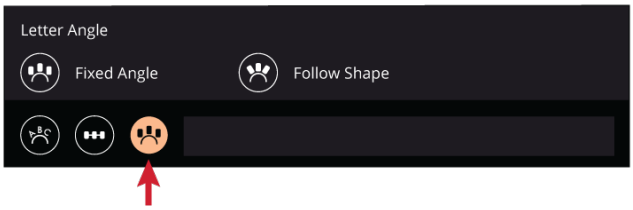
Select Spacing

Touch the Select Spacing icon to open options for spacing your text along the shape line: evenly spaced, left justified, centered or right justified. Evenly spaced will place the text evenly along the shape line with an equal distance between all letters. If you choose left justified the text will begin loading to the left. Centered will center the text on the shape line. If you choose right justified, the text will begin loading to the right. The distance between each letter can be increased or decreased with the spacing slider, except for when evenly spaced is selected.



Fixed Letter Angle

Decide how to align the letters on the baseline. Select to have the objects placed parallel to the baseline or to keep the current angle. The setting affects all objects on the shape.



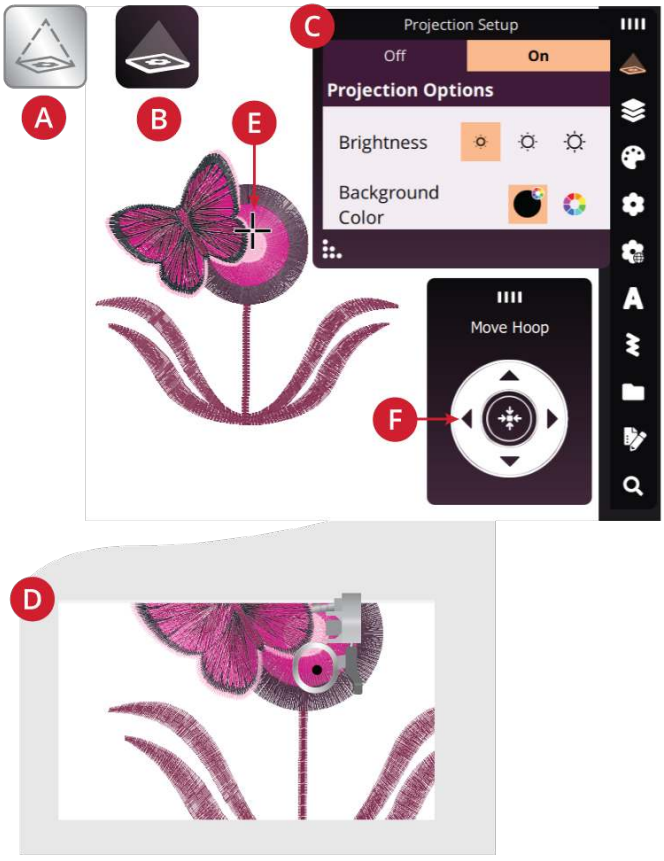
Projection

You can use the projector as a help when positioning a design on the fabric. Maybe you want to cover a stain, place another design in relation to an already embroidered one, or put your design on, for instance, a pocket.

When the Projection button on the sewing head (A) or the Projection icon on the screen (B) is touched the Projection Setup menu opens (C). Once activated, the projector will cause an image of the embroidery design (s) to be projected onto your hooped fabric (D). The cross hair (E) shown on the screen corresponds to the machines needle position.

The projector has a projectable area of approximately 4x2.4 inch (10x6cm) in front of the needle. If the embroidery design is larger than the projectable area, the part of the design(s) that fits inside the projection area is shown on the fabric. You can move the position of the projection area by using the positioning arrows in the Move Hoop control (F). By touching the positioning arrows, the cross hair on the screen and the hoop moves simultaneously to your desired position. The embroidery projection updates as the user edits the position, orientation, color, etc. of the selected embroidery design.

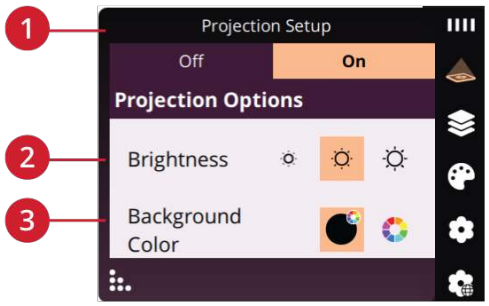
Note: The embroidery arm and hoop will move when using the Move Hoop control, make sure the area around the Embroidery Unit is clear.



Projection Setup Menu

Touch the projector button (on the machine) or the projection icon (on the screen) to activate the projector. Once activated the projection area is lit up around the needle area.

When you start the Projection mode, you will at some point need to attach the Embroidery Unit and Embroidery Hoop. Follow the pop-up instructions given on the screen.



1. *Projection Setup Menu*
2. *Brightness*
3. *Background Color*

Background Color

Here, you can choose the background color of the projection area. Touch the “color circle” to choose your favorite color. The chosen color is highlighted.

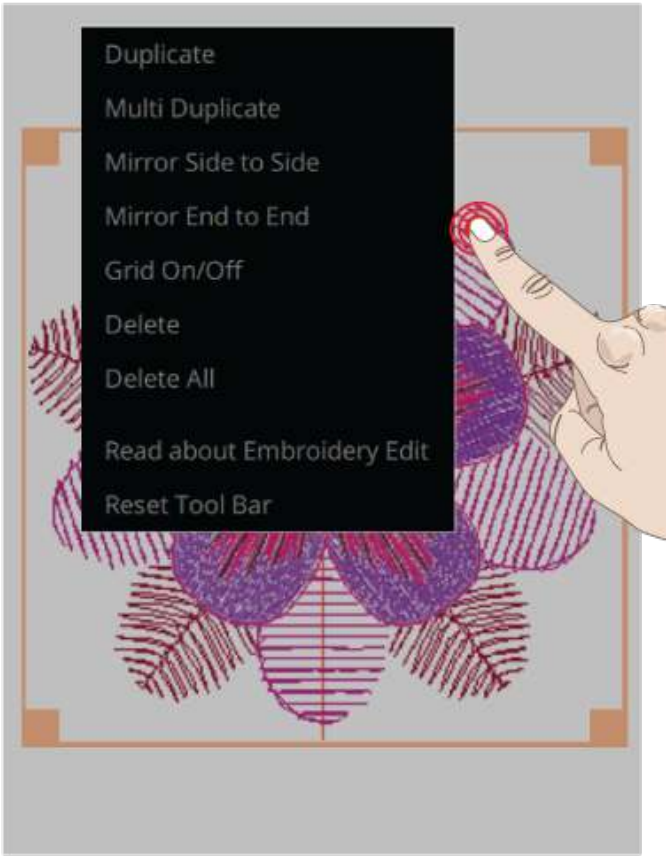
Brightness

Touch the different brightness levels to change the brightness of the projection.

Smart Toolbox on a Design

The Smart Toolbox is available in the sewing and embroidery area. Touch & hold anywhere in your work area to open the Smart Toolbox and select the option you want.

The options included in the Smart Toolbox differs depending on where it is used. Examples of options are Duplicate, Mirroring and Delete.



Duplicate

Select Duplicate to make a copy of the selected design(s).

Multi Duplicate

Select Multi Duplicate to open a keypad where you can enter desired number of copies of the selected design(s).

Mirroring

To mirror a design sideways, select Mirror Side to Side. To mirror a design lengthwise, select the Mirror End to End

Move into Hoop

A red frame will surround the embroidery area if a design is placed outside the hoop area. Select Move Into Hoop to move any design that is outside the hoop area into the hoop area. The design will be placed at the outermost edge of the hoop.

Grid On/Off

Select if you want to have a grid in the hoop area.

Delete/Delete All

Select Delete, and the selected design(s) will be deleted from the embroidery area. If more than one design is selected, a pop-up message will appear. Touch OK to confirm to delete selected designs.

Select Delete All to delete all loaded designs from the embroidery area. Touch OK in the pop-up message to confirm.

Read about Embroidery Edit

Select to open the User's Guide and read more about Embroidery Edit.

Reset Toolbar

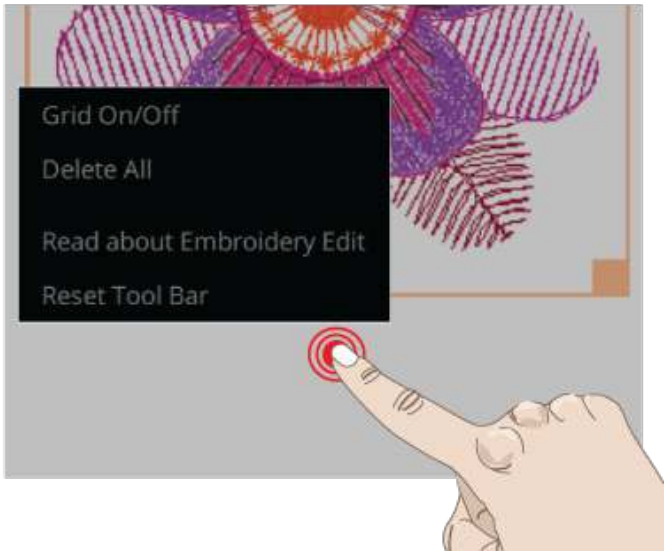
Select if you want to reset your Toolbar to default.

Read about customizing your work area.

Smart Toolbox on Embroidery Area

The Smart Toolbox is available in the sewing and embroidery area. Touch & hold anywhere in your work area to open the Smart Toolbox and select the option you want.

The options included in the Smart Toolbox differs depending on where it is used. Examples of options are Reset Toolbar, Open Help Center and Move Into Hoop.



Move Into Hoop

A red frame will surround the embroidery area if a design is placed outside the hoop area. Select Move Into Hoop to move any design that is outside the hoop area into the hoop area. The design will be placed at the outermost edge of the hoop.

Tip: If you want to place a design e.g. in the top left corner as near as possible easily, touch and drag your design to the top left corner. Make sure that the design is placed outside the hoop area. Touch Move into Hoop and the design will be placed at the top left corner of the hoop area, as close to the hoop edge as possible.

Grid On/Off

Use the grid as a guide when you combine or place designs.

You can set the distance between the grid lines in millimeter or inch by entering a number in the keypad.

You can find the grid settings in the Hoop Options menu.

Delete All

Select to delete all loaded designs from the embroidery area. Touch OK in the pop-up message to confirm.

Read about Embroidery Edit

Select to open the User's Guide to read about the Embroidery Edit.

Reset Toolbar

Select if you want to reset your Toolbar to default.

Read about customizing your work area.

Settings in Embroidery Edit

There are two ways to change your settings;

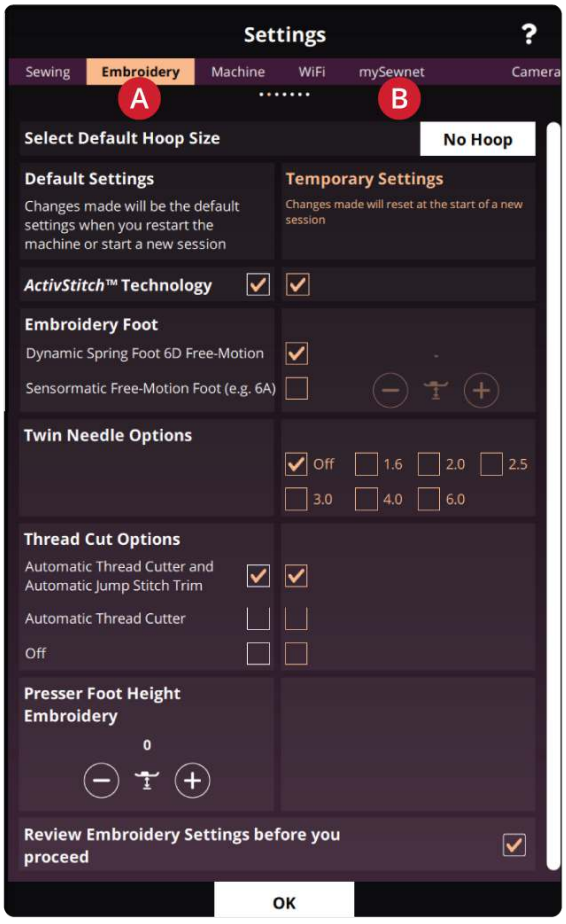
1. Default Settings:

   Settings made in Default Settings will be saved, even when turning your machine off. The default setting becomes active when you start a new session or restart your machine.

2. Temporary Settings:

   Settings made in Temporary Settings will be reset at the start of a new project in Help Center or start of a new sewing session. When turning your machine off, all changes made in Temporary Settings will be reset to default.

Changes made in Temporary Settings are shown under Active Features in the Information Area.



1. Default Settings in white colored check boxes

2. Temporary Settings in orange colored check boxes

Select Default Hoop Size

Touch to open a pop-up and select a default hoop size from the list. Touch again to deselect.

The selected hoop must be attached to the embroidery unit to be able to stitch out your design(s).

Once you have selected a default hoop size, your machine will always choose this no matter what design you select.

If no default hoop size has been selected your machine will choose the most suitable hoop for your embroidery.

Touch to open Hoop Options in Embroidery Edit, to select a temporary hoop size.

ActivStitch™Technology

When the **ActivStitch™**technology feature is selected your **creative icon™ 2** will automatically choose the best way to control the embroidery upper thread based on the design and the selected settings: thread metering or thread tension. For best embroidery results we strongly recommend that you keep this setting selected and select the spring foot for embroidery foot type.

When the **ActivStitch™**technology feature is selected thread metering will be used when the spring foot is selected as the embroidery foot unless e.g. the active color block indicates a felting color block or a cutwork needle color block in the color block list.

When the **ActivStitch™**technology feature is deselected and/or embroidery foot type is set for floating foot, thread tension will be used for all designs and settings.

For some specific special techniques and accessories that cannot be embroidered with thread metering, the **ActivStitch™**technology feature needs to be deselected.

Embroidery Foot Type

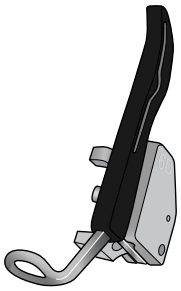
Select either the Dynamic Spring Foot 6D Free-Motion or a Sensormatic Free-Motion Foot, e.g. 6A. It is very important that the correct setting is selected for the attached embroidery foot.

Embroidering with the **ActivStitch™** technology feature and the Dynamic Spring Foot 6D is needed for good embroidery results.

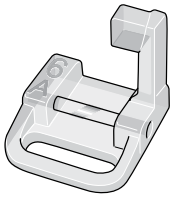
Some specific specialty techniques and/or accessories do not support the use of the Dynamic Spring Foot 6D, e. g. yarn couching and felting.

When the Dynamic Spring Foot 6D is selected the machine will lower the foot to hold the fabric at each stitch. When a sensormatic foot is selected the machine will lower the foot to a pivot height above the fabric. When using a sensormatic foot the presser foot height can be adjusted for improved performance when using different weights of material and/or embroidery threads.

Note: The embroidery foot will be reset to Dynamic Spring Foot 6D at the start of a new project or start of a new embroidery session from the start page. Make sure you attach the correct foot or change the setting.



Dynamic Spring Foot 6D Free-Motion

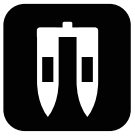


Sensormatic Free-Motion Foot 6A

Twin Needle Options

When a twin needle size is selected the **ActivStitch™**technology feature will automatically use thread tension. When embroidering with a twin needle the Straight Stitch Needle Plate needs to be removed as it cannot be used with a twin needle.

Note: It is very important to activate the twin needle setting when embroidering with a twin needle to prevent damage to the machine.



Twin Needle Options

Thread Cut Options

Choose between three Thread Cut Options: Automatic Thread Cut and Automatic Jump Stitch Trim, Automatic Thread Cut or Thread Cut – Off.

Off

When selected, no automatic thread cuts will be performed by the machine. You can touch the Thread Cut button on the front of the machine to cut the threads whenever you like.

Note: Select off when using optional accessories that are attached in the two holes in the needle plate just above the bobbin cover, to prevent damage to the automatic thread cutter knife located under the needle plate.

Automatic Thread Cutter

When selected, thread cuts will be automatically performed in the following situations:

- Upper thread is cut automatically and the presser foot raises at color changes.
- Bobbin thread and upper thread are cut and the presser foot raises when an embroidery is finished.

Automatic Thread Cutter and Automatic Jump Stitch Trim

When selected, cuts will be automatically performed and upper thread pulled to the underside of the fabric. This function saves you time trimming after the embroidery is completed. The upper thread will be cut and pulled to the

underside of the fabric when starting to embroider after a color change, at the first color block, after stepping through stitches and when the machine continues to embroider after a jump stitch.

Thread cuts will be automatically performed in the following situations:

- Upper thread is cut automatically and the presser foot raises at color changes.
- Bobbin thread and upper thread are cut and the presser foot raises when an embroidery is finished.
- Upper thread is cut automatically at the start of a jump stitch.
- Cut commands in designs, stitches or sequences.



Designs marked with this symbol are programmed for automatic jump stitch trim. It can also be added to any design using the complimentary software .

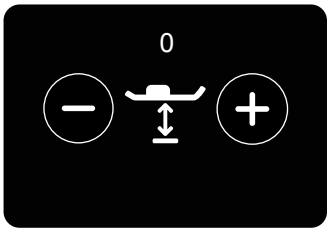
Tip: If the front and back of your embroidery will be visible, turn off the automatic jump stitch trim and cut the threads manually.

Tip: If designs are placed close together, e.g. lettering or stitch sequences, turn off the automatic jump stitch trim and cut the threads manually.

Tip: If you embroider letters, smaller than 15 mm, turn off the automatic jump stitch trim and cut the threads manually.

Presser Foot Height

When using a floating foot the presser foot height can be adjusted for improved performance when using different weights of material and/or embroidery threads.



Review Embroidery Settings

Check this box if you do not want to review your embroidery settings before you enter Embroidery Stitch Out.

Save Design

To save your file, touch the Save button and a pop-up will appear on the screen. In the Save pop-up you can choose to save your file to the mySewnet Cloud folder or to a USB device. Previously saved designs, stitches, sequences and/or fonts are shown. Name your file using the keyboard and touch OK to confirm.

If you want to save to a folder, touch and hold on the folder to open it, then name your file using the keyboard and touch OK in the pop-up to confirm. To create a new folder, simply touch Create New Folder, name the folder with the keyboard and touch OK. Then touch & hold on the folder to open it and save into the new folder.

You can show the files in a list or as thumbnail icons. Touch the list icon or the thumbnail icon to choose. In List View each file is shown with the file name and file type. In Thumbnail View each file is shown with the file name and a thumbnail image of the file.

To cancel the save process, close the pop-up window by touching Cancel. The Save pop-up will close and you will return to Embroidery Edit.

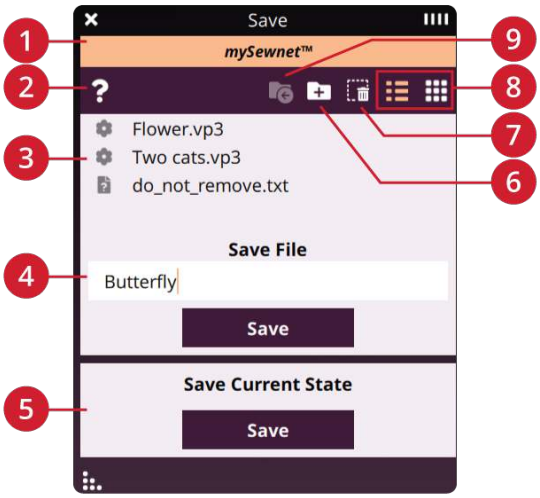
Read about organizing your saved stitches in File Manager.

When saving current state, all your adjustments are stored and you can continue later by touching "Continue from Saved State" at the Home Screen.

Note: You can only have one Current State at a time.



Save button



1. *Save to mySewnet cloud Folder or USB (if connected)*
2. *Quick Help*
3. *Saved Stitches*
4. *File Name*
5. *Save Current State*
6. *Create New Folder*
7. *Delete selected stitch*
8. *List and Thumbnail View*
9. *Move to folder*

Pop-up Messages in Embroidery Edit

To make your experience as convenient as possible, your machine sometimes communicate with you using pop-up messages. Those messages can contain warnings, recommendations, information or prompt you to perform an action.

Below, some of the messages that can appear are listed and explained.

Embroidery Combination is too Complex
This pop-up message appears e.g. for one of the following reasons:

- The design combination contains too many color blocks.
- There are too many designs in the combination.
- One or more designs have been grouped and re-grouped too many times.
- The design combination you are trying to make contains too many stitches. Your design combination can have a maximum of approximately 500,000 stitches.

Exceeded Maximum Number of Stitches
The design combination you are trying to make contains too many stitches. Your design combination can have a maximum of approximately 500,000 stitches.

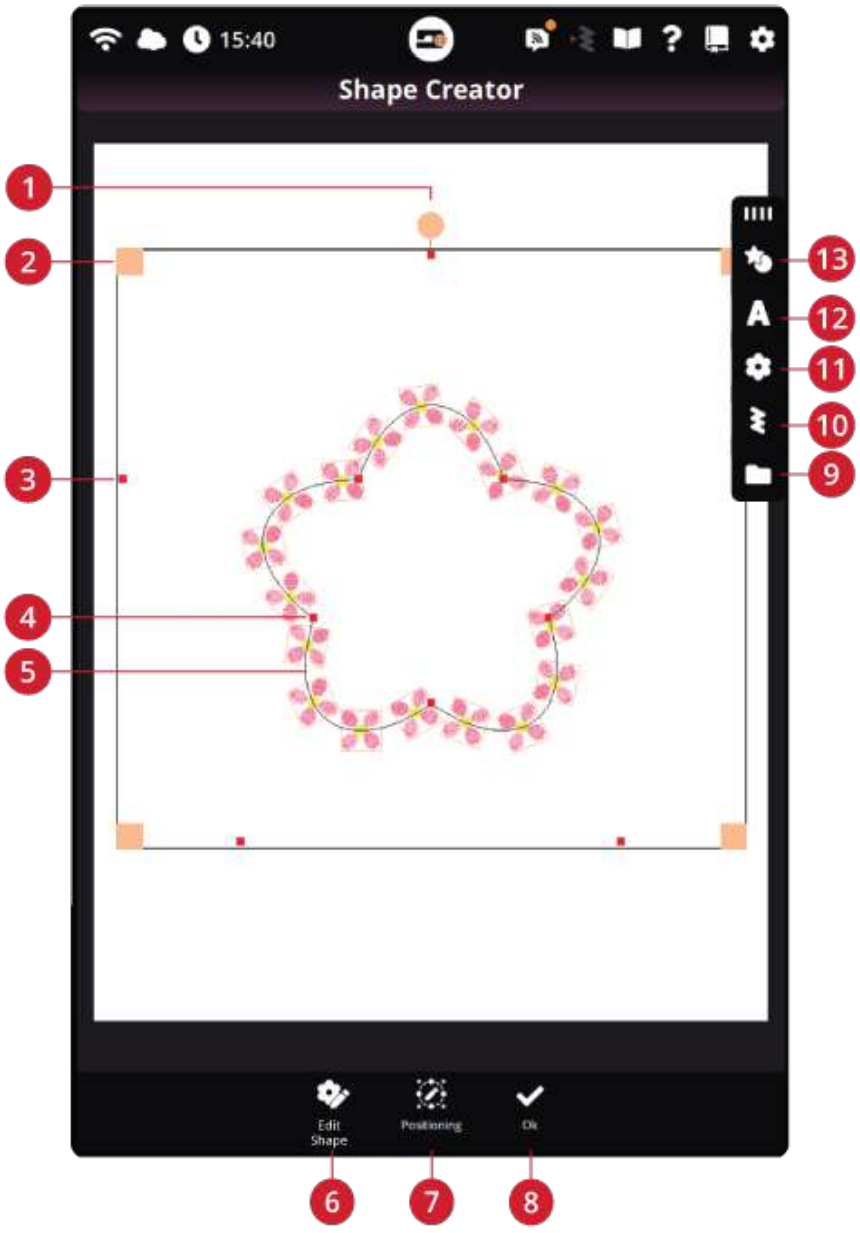


Shape Creator

Shape Creator – Introduction

Shaping is a unique way to use your beautiful built-in decorative stitches, sequences or even embroidery designs to form new shapes.

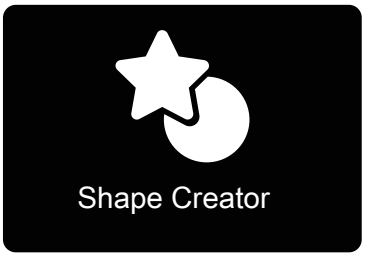
Shape Creator – Overview



1. Rotate Handle
2. Scale Handles
3. Control Points
4. Control Points
5. Shape Line
6. Edit
7. Positioning
8. OK
9. File Manager
10. Load Stitch
11. Load Design
12. Load Letter Shape
13. Load Shape

Getting Started with Shape Creator

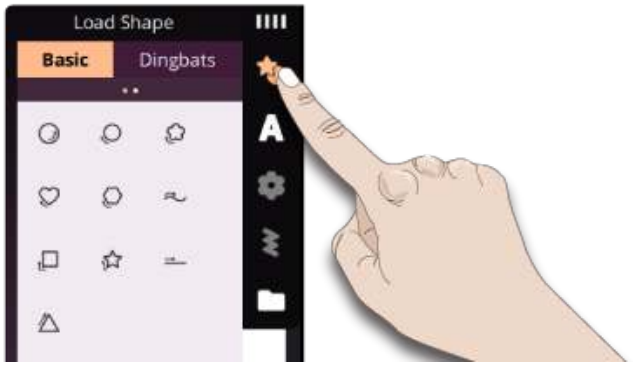
Touch Shape Creator in Embroidery Edit to enter the Shape Creator. Open the Shape Menu to load a new shape or open the Letter Shape Menu to load a Letter Shape.



Load a Shape

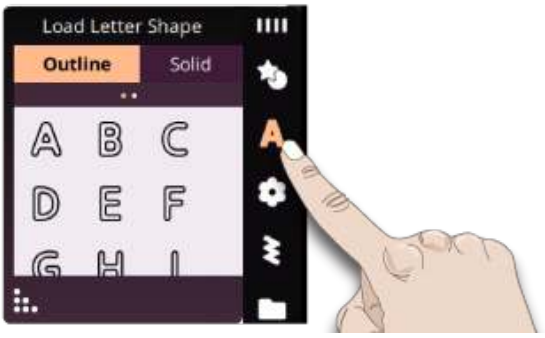
Touch Load Shape in the Menu Panel to access the different shapes. Available shape categories are listed horizontally, swipe between the categories. All available shapes within the same category are listed vertically, swipe to see more shapes. Touch on a shape to load it.

Touch and drag on the triangle in the lower corner to change the size of the window. The entire Menu Panel can be moved around on the screen. Simply touch & hold on the panel top to move where you want it to be placed.



Load a Letter Shape

Touch Load Letter Shape in the Menu Panel to access the different letter shapes. Available letter shape categories are listed horizontally, swipe between the categories. All available shapes within the same category are listed vertically, swipe to see more shapes. Touch on a letter shape to load it.

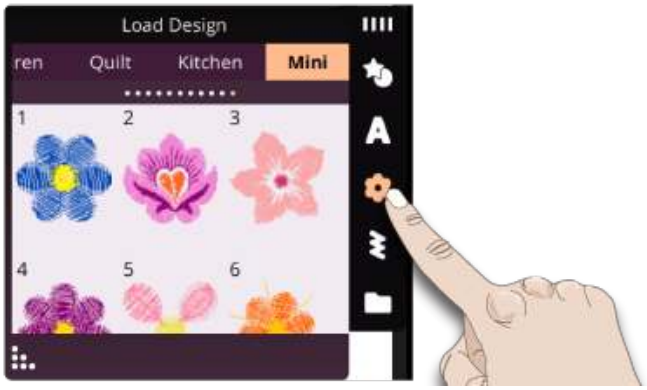


Load a Design

Touch Load Design to select a desired design for your shape. The designs will be placed along the baseline in the order that they are loaded.

Read about how to add more designs/stitches onto your shape in two different ways with the Combination Repeat/Duplicate Last function.

Note: When selecting a new shape, all your custom adjustments to the shape will be set to default.

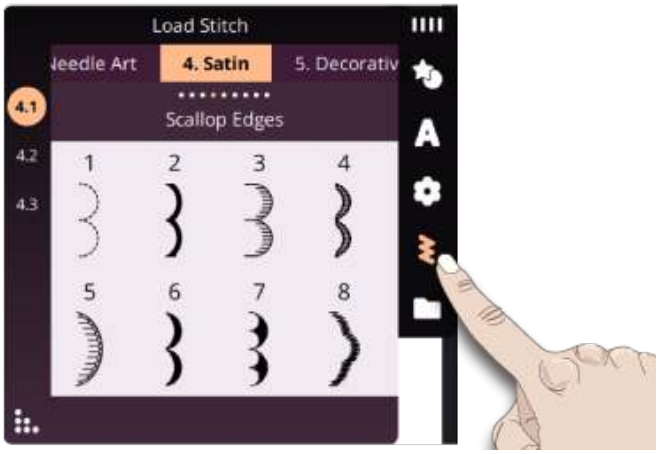


Load a Stitch

Touch Load Stitch to select a desired stitch to your shape. The stitches will be placed along the baseline in the order that they are loaded.

Read about how to add more designs/stitches onto your shape in two different ways with the Combination Repeat/Duplicate Last function.

Note: When selecting a new shape, all your custom adjustments to the shape will be set to default.



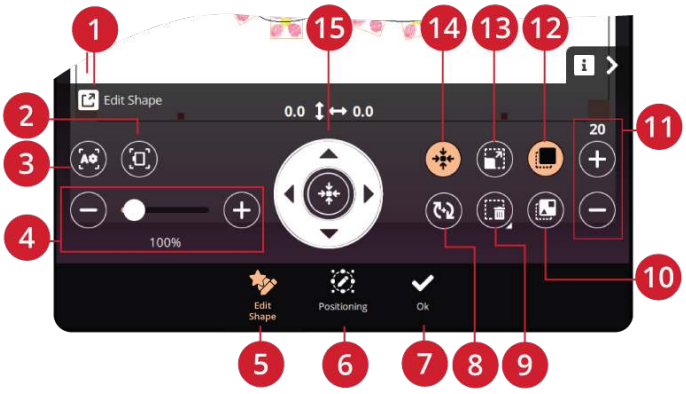
Edit Shape

Touch Edit to open the control window for adjusting your shape.

Touch Edit to close the control window.

You can move, rotate, scale and pan directly on the Multi-Touch Screen using your fingers.

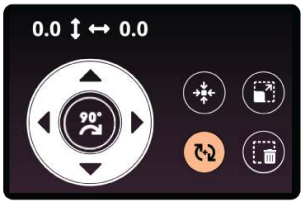
1. Detach
2. Zoom to Hoop
3. Zoom to All
4. Zoom Slider
5. Edit
6. Positioning
7. Ok
8. Rotate
9. Delete/Delete All
10. Combination Repeat
11. Set Number of Designs
12. Duplicate Last Design
13. Scale
14. Move
15. Control Wheel



Rotate

Rotate the selected shape by touching the rotate handle located in the center of the top of the shape selection frame and move your finger on the screen.

You can also touch the Rotate icon and use the arrows to adjust the rotation of the selected shape. Each touch on the 90 degrees icon rotates the selected design(s) 90 degrees clockwise. The number above the arrows shows, in degrees, the current rotation angle.



Rotate



Rotate 90 degrees

Scale

With the scale function, you can increase or decrease the size of the selected shape +/- 20% without changing the number of stitches.

Scale the selected shapes by touching one of the scale handles in the corners of the design selection frame and move your finger on the screen.

You can also touch the Scale icon and use the arrows to adjust the size of the selected shape. The numbers above the arrows shows current width and height.

By default the proportions are locked. This is indicated with a closed padlock in the center of the control wheel. Touch the padlock in the center of the control wheel to unlock and activate individual scaling of width and height.



Scale locked



Scale unlocked

Repeat Combination/Duplicate Last

Add more designs/stitches onto your shape in two different ways with the Repeat Combination/Duplicate Last function.

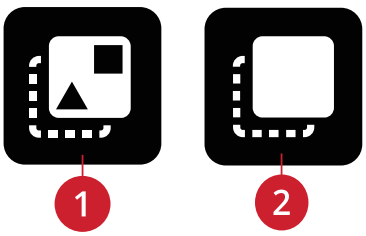
Touch the Duplicate Last icon to duplicate the last added design/stitch in the shape.

Touch the Repeat Combination icon to add designs/stitches to the shape in the same order as the ones already loaded.

Touch between the – and + to open a keypad to set the number of designs/stitches you want to add and touch OK.

Touch OK in the Shape Creator window to load the design to Embroidery Edit.

Note: Duplicate/Delete or Set Number of Designs/Stitches are not available when shaping an embroidery text. Read about how to adjust your text while shaping in the Embroidery Text chapter.

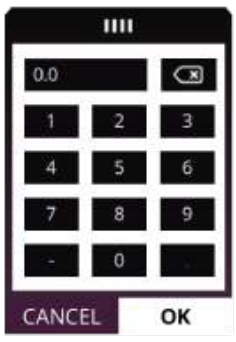


1. Repeat Combination

2. Duplicate Last

Set Number of Designs/Stitches

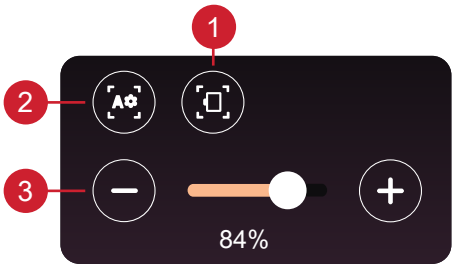
If you want to enter the total number of designs/stitches you want in your shape, touch the number above the + and – to open a keypad. Enter the desired number of designs/stitches in the keypad and touch OK.



Zoom Options

Zoom to All will show all the stitches and/or design(s) in the stitch/design combination. Zoom to Hoop will adjust the area to fit the selected hoop.

Use the Zoom Slider and move to the right to zoom in and to the left to zoom out. You will see how much you have zoomed above the slider.



1. Zoom to Hoop

2. Zoom to All

3. Zoom Slider

Positioning

Touch the Positioning icon in Shape Creator, to open the Positioning control window to make adjustments to your shape.

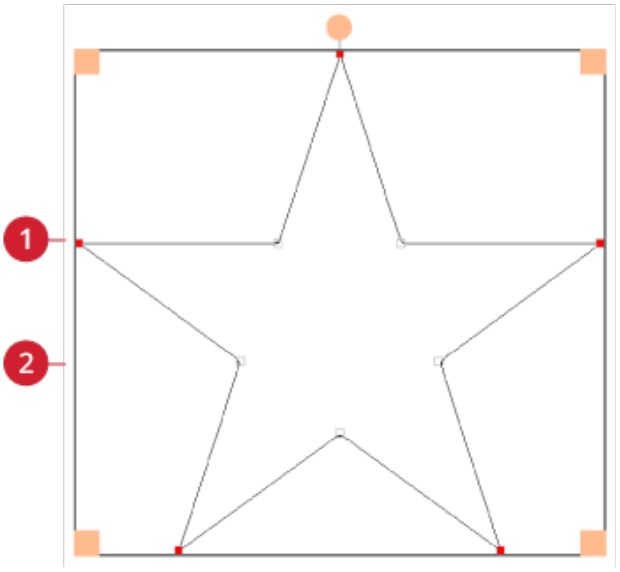


Control Points

A control point is a point affecting the selected shape. Each shape is built by several control points. Together they define what the shape will look like.

A selected control point is marked with a filled square. An unselected control point is marked with an outlined square. All control points are visible when you are editing the points. By adjusting the control points, the selected shape can be changed with unlimited possibilities.

Note: The possibility to change the design using control points is only available for the Basic shapes.



1. Selected control point marked with a filled square

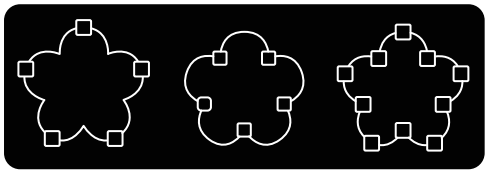
2. Unselected control point marked with an outlined square

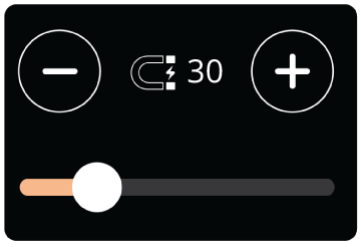
Select Control Points

For each shape, there are pre-defined sets of control points. Select all or some of the control points.

When you have selected a set of control points, you can make adjustments to the shape: move, rotate and scale. The adjustments made will only affect the selected control points.

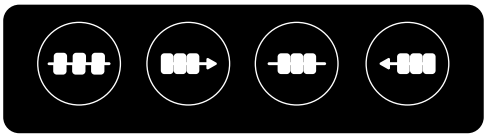
Use the slider to increase or decrease the attraction percentage of the selected control points. The higher the attraction percentage, the closer the baseline will be to the selected control points.

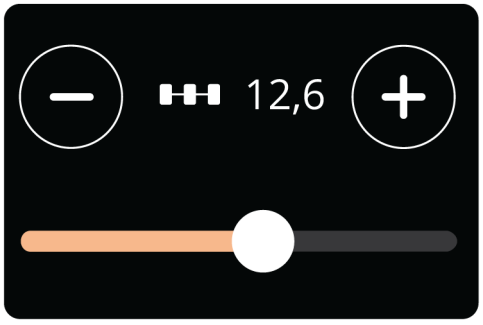




Select Spacing

The default setting spaces the objects evenly along the baseline (placing the same distance between each). You can select how to place the designs on the baseline. The gap between the objects can be increased or decrased by using the slider. The actual gap is shown above the slider.





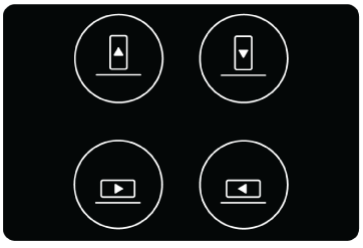
Select Line Positioning

You can place the objects on top of the baseline, on the baseline or under the baseline. The selected positioning will affect all objects on the shape.



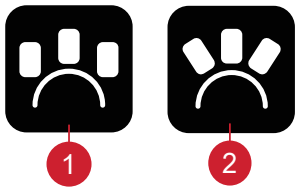
Select Side Positioning

Select which side of the objects that shall be positioned on the baseline. You can select to place the bottom, top, right or left side of the objects along the baseline. The selected setting will affect all objects on the actual shape.



Fixed Design Angle

Decide how to align the objects on the baseline. Select to have the objects placed parallel to the baseline or to keep the current angle. The setting affects all objects on the shape.



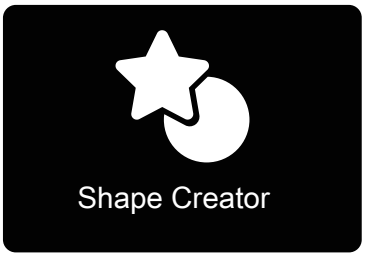
1. Up Right

2. Curved

Edit Existing Shape

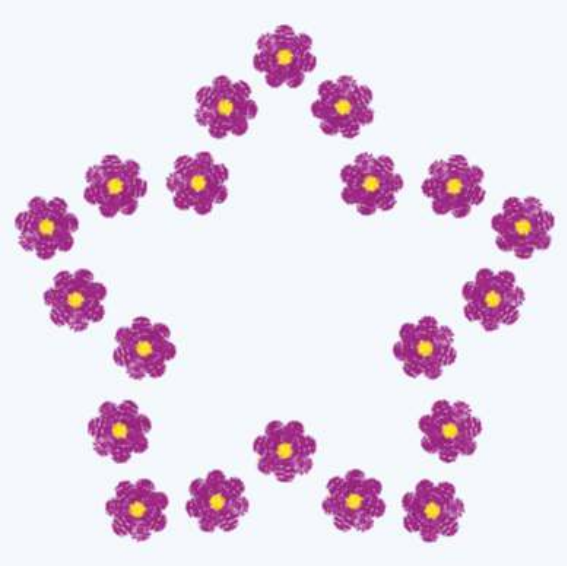
If you want to make any changes to an already created shape in Embroidery Edit, touch to select your shaped design and you will see that Shape Creator will be highlighted. Touch to open the Shape Creator to edit your shape.

You can also touch & hold to open the Smart Toolbox and select Edit in Shape Creator to enter the Shape Creator again.



Shape Creator Exercise

1. Touch Shape Creator in Embroidery Edit to start a new shape.
2. In the Menu Panel, you will find different shapes. Touch a shape to load it. A shape line will be shown on the screen.
3. Add designs or stitches onto the shape. Touch & hold on a design or stitch to load it to the shape line.
4. To change the size of the shape, touch one of the scale handles in the corners of the selection frame and move your finger on the screen. To rotate your shape, touch the rotate handle on the screen.
5. Touch OK to confirm your created shape and load it to Embroidery Edit. Touch Embroidery Stitch-Out to embroider your shape.



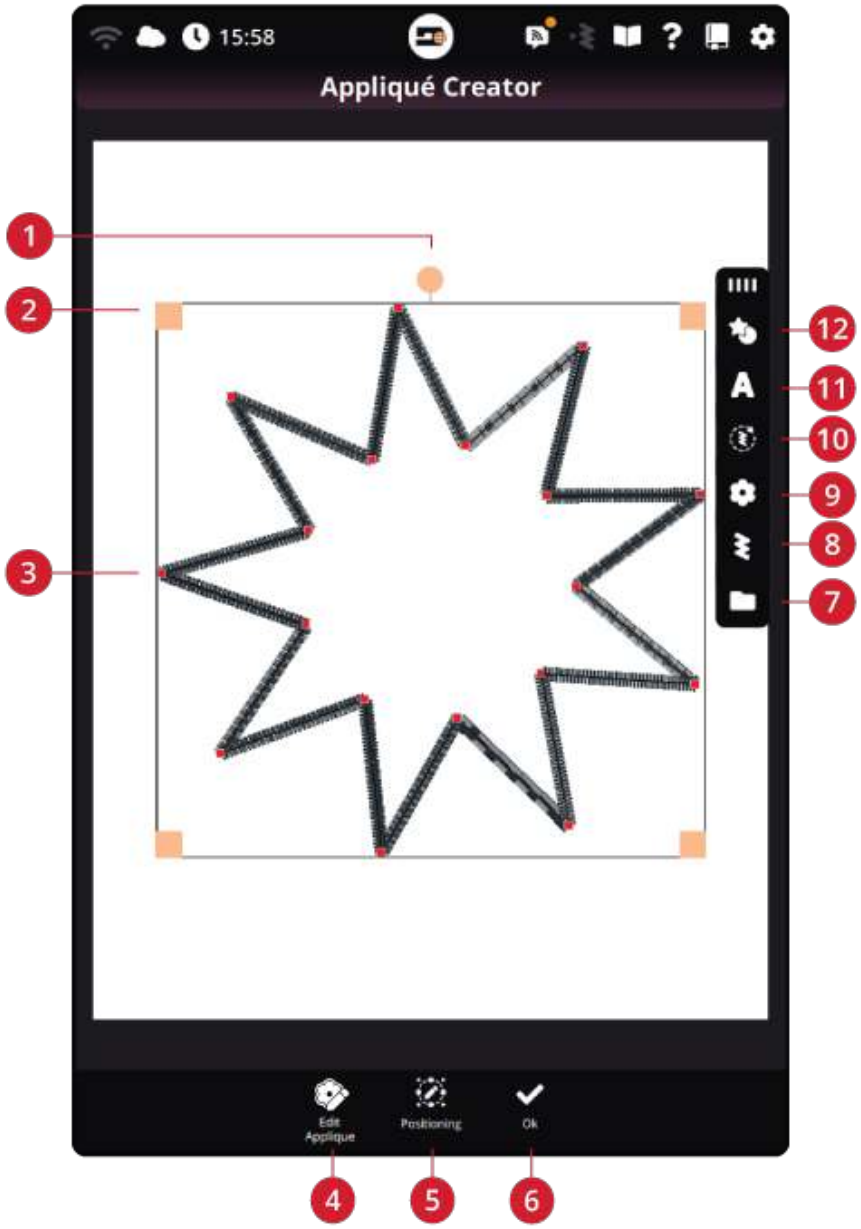


Appliqué Creator

Appliqué Creator – Introduction

Create decorative appliqués with the Appliqué Creator. You can add an appliqué to your quilt or garment easily using the Appliqué Creator. In your **creative icon™ 2** machine there are twenty different autofill stitches to choose when creating the appliqué. You can also choose decorative stitches or mini designs to cover the raw edges of the appliqué. Touch Appliqué Creator in Embroidery Edit to create a new appliqué.

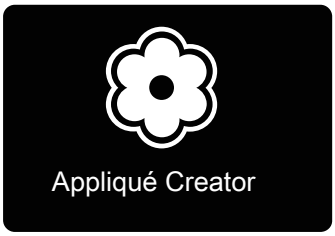
Appliqué Creator – Overview



1. Rotate Handle
2. Scale Handles
3. Control Points
4. Edit
5. Positioning
6. OK
7. File Manager
8. Load Stitch
9. Load Design
10. Load Autofill Stitch
11. Load Letter Shape
12. Load Shape

Getting Started with Appliqué Creator

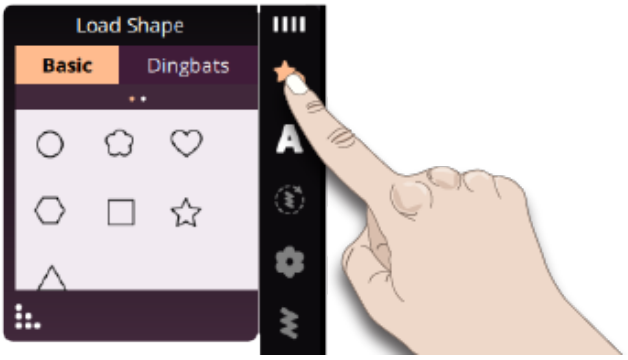
Touch Appliqué Creator in Embroidery Edit to enter the Appliqué Creator. Open the Shape Menu to load a new shape or open the Letter Shape Menu to load a Letter Shape.



Load a Shape

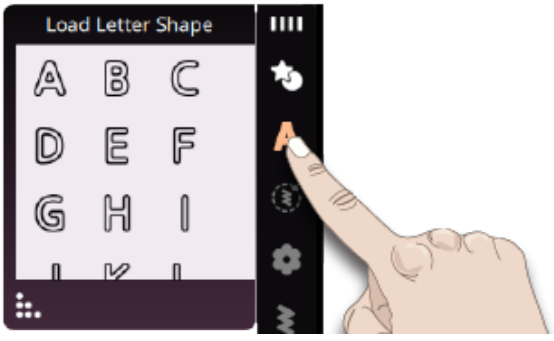
Touch Load Shape in the Menu Panel to access the different shapes. Available shape categories are listed horizontally, swipe between the categories. All available shapes within the same category are listed vertically, swipe to see more shapes. Touch on a shape to load it. All shapes has a satin stitch ready to be embroidered. If you want another stitch or a mini design you can easily change to a desired stitch/mini design.

Touch and drag on the triangle in the lower corner to change the size of the window. The entire Menu Panel can be moved around on the screen. Simply touch & hold on the panel top to move where you want it to be placed.



Load a Letter Shape

Touch Load Letter Shape in the Menu Panel to access the different letter shapes. Available shapes are listed vertically, swipe to see all letter shapes. Touch on a letter shape to load it. All letter shapes have a satin stitch ready to be embroidered. If you want another stitch or a mini design you can easily change to a desired stitch/mini design.

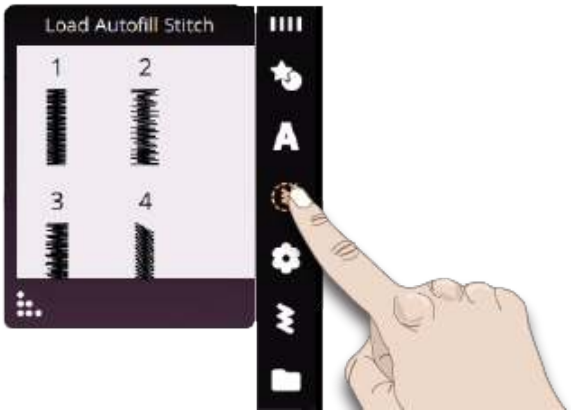


Load Autofill Stitch

Touch Load Autofill Stitch in the Menu Panel to access 20 different autofill stitches. Available stitches are listed vertically, swipe to see all.

If you select an autofill stitch it will fill the shape with enough stitches to fill the entire shape. If selecting a decorative stitch or a mini design you will need to set the number of the stitches/designs you want to add.

Note: When creating an applique using a decorative stitch/ mini design you can edit each stitch/design individually.

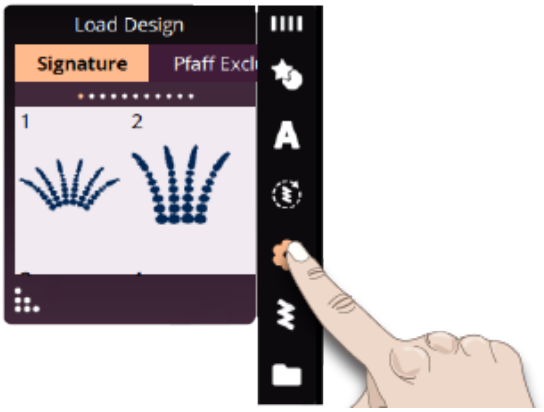


Load a Design

Touch Load Design to select a desired design for your shape. The designs will be placed along the baseline in the order that they are loaded.

Read about how to add more designs/stitches onto your shape in two different ways with the Combination Repeat/Duplicate Last Design function.

Note: When selecting a new shape, all your custom adjustments to the shape will be set to default.

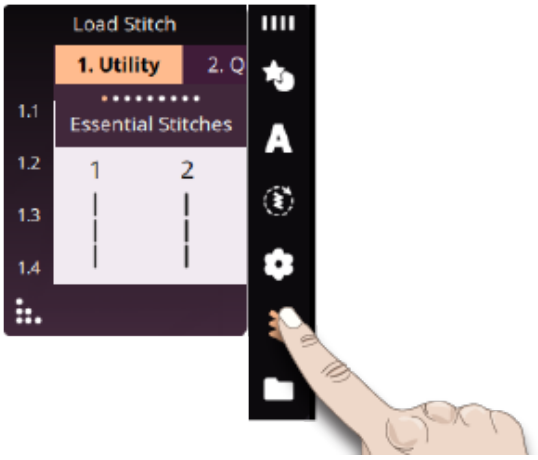


Load a Stitch

Touch Load Stitch to select a desired stitch to your shape. The stitches will be placed along the baseline in the order that they are loaded.

Read about how to add more designs/stitches onto your shape in two different ways with the Combination Repeat/Duplicate Last function.

Note: When selecting a new shape, all your custom adjustments to the shape will be set to default.



Edit Appliqué

Touch Edit to open the control window for adjusting your shape. Touch Edit to close the control window.

You can move, rotate, scale and pan directly on the Multi-Touch Screen using your fingers.

1. Detach
2. Zoom to Hoop
3. Zoom to All
4. Zoom Slider
5. Edit Appliqué
6. Positioning
7. Ok
8. Rotate
9. Delete
10. Combination Repeat
11. Duplicate
12. Scale
13. Move
14. Control Wheel



Rotate

Rotate the selected shape by touching the rotate handle located in the center of the top of the shape selection frame and move your finger on the screen.

You can also touch the Rotate icon in the center of the Control Wheel and use the arrows to adjust the rotation of the selected shape. Each touch on the 90 degrees icon rotates the selected shape 90 degrees clockwise. The number above the arrows shows, in degrees, the current rotation angle.



Rotate



Rotate 90 degrees

Scale

With the scale function, you can increase or decrease the size of the selected shape.

Scale the selected shape by touching one of the scale handles in the corners of the shape selection frame and move your finger on the screen.

You can also touch the Scale icon and use the arrows to adjust the size of the selected shape. The numbers above the arrows shows current width and height.

By default the proportions are locked. This is indicated with a closed padlock in the center of the Control Wheel. Touch the padlock to unlock and activate individual scaling of width and height.



Scale locked



Scale unlocked

Repeat Combination /Duplicate Last

Add more designs/stitches onto your shape in two different ways with the Repeat Combination /Duplicate Last function.

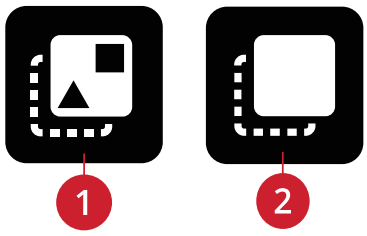
Touch the Duplicate Last icon to duplicate the last added design/stitch in the shape.

Touch the Repeat Combination icon to add designs/stitches to the shape in the same order as the ones already loaded.

Touch the number above the + and – to open a keypad to set the number of designs/stitches you want to add and touch OK.

Touch OK in the Shape Creator window to load the design to Embroidery Edit.

Note: Duplicate/delete and enter number of designs/stitches are not available when shaping an embroidery text. Read about how to adjust your text while shaping in the Embroidery Text chapter.

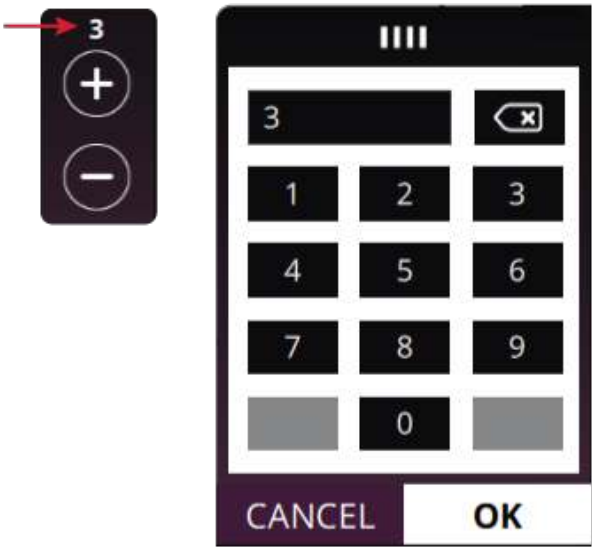


1. Repeat Combination

2. Duplicate Last

Set Number of Designs/Stitches

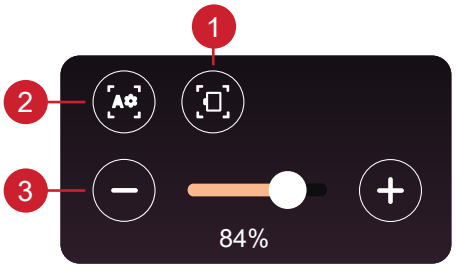
If you want to enter the total number of designs/stitches you want in your shape, touch the number above the + and – to open a keypad. Enter the desired number of designs/stitches in the keypad and touch OK.



Zoom Options

Zoom to All will show all the stitches and/or design(s) in the stitch/design combination. Zoom to Hoop will adjust the area to fit the selected hoop.

Use the Zoom Slider and move to the right to zoom in and to the left to zoom out. You will see how much you have zoomed above the slider.



1. Zoom to All

2. Zoom to Hoop

3. Zoom Slider

Positioning

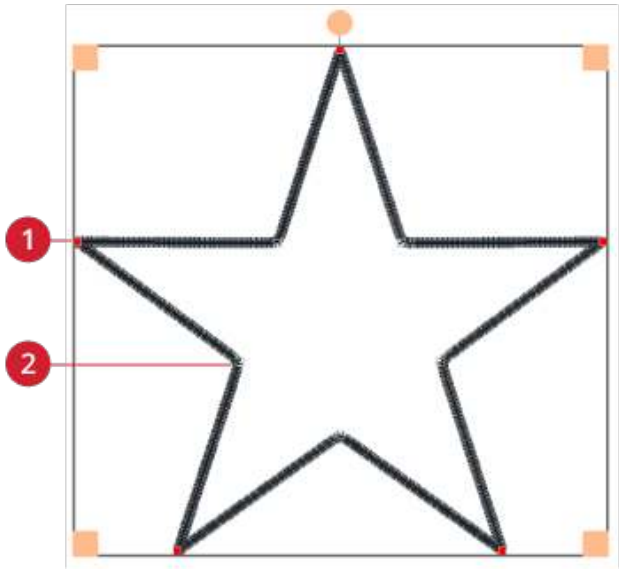
Touch the Positioning icon, in Shape Creator to open the Positioning control window to make adjustments to your shape.



Control Points

A control point is a point affecting the selected shape. Each shape is built by several control points. Together they define what the shape will look like.

A selected control point is marked with a filled square. An unselected control point is marked with an outlined square. All control points are visible when you are editing the points. By adjusting the control points, the selected shape can be changed with unlimited possibilities.



1. Selected control point marked with a filled square

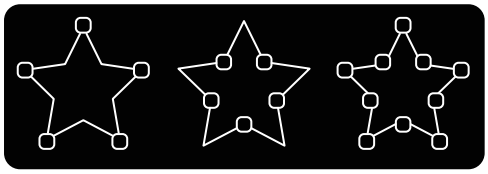
2. Unselected control point marked with an outlined square

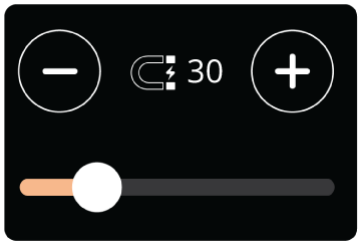
Select Control Points

For each shape, there are pre-defined sets of control points. Select all or some of the control points.

When you have selected a set of control points, you can make adjustments to the shape: move, rotate and scale. The adjustments made will only affect the selected control points.

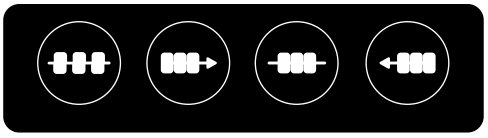
Use the slider to increase or decrease the attraction percentage of the selected control points. The higher the attraction percentage, the closer the baseline will be to the selected control points.

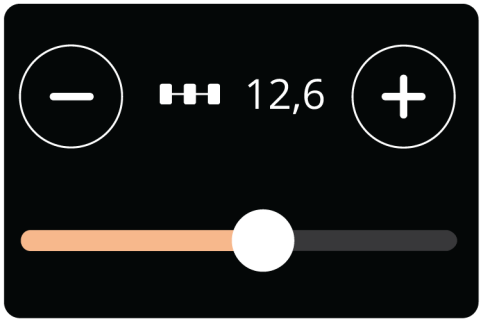




Select Spacing

The default setting spaces the objects evenly along the baseline (placing the same distance between each). You can select left or right justification on the baseline. The gap between the objects can be increased or decreased by using the slider. The actual gap is shown above the slider.





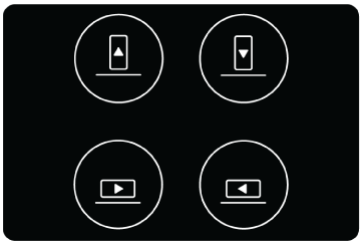
Select Line Positioning

You can place the objects on top of the baseline, on the baseline or under the baseline. The selected positioning will affect all objects on the shape.



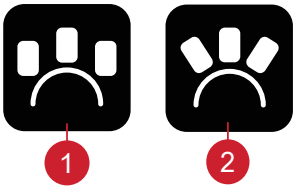
Select Side Positioning

Select which side of the objects that shall be positioned on the baseline. You can select to place the bottom, top, right or left side of the objects along the baseline. The selected setting will affect all objects on the actual shape.



Fixed Design Angle

Decide how to align the objects on the baseline. Select to have the objects placed parallel to the baseline or to keep the current angle. The setting affects all objects on the shape.



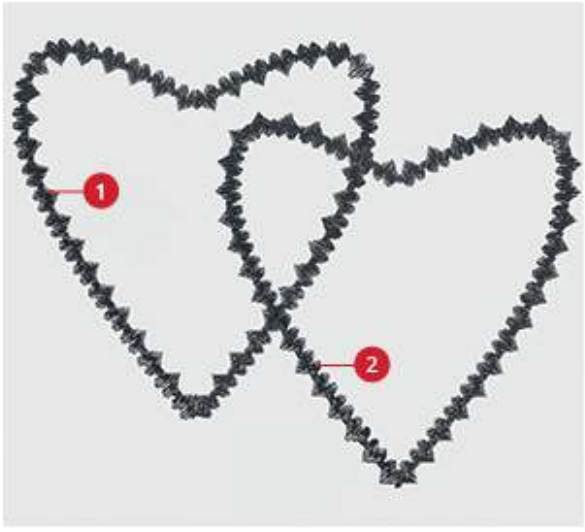
1. Up Right

2. Curved

Mirror Stitch

Touch the Mirror icon to mirror the direction of your selected stitch. This function is available when you have selected an Autofill Stitch.





1. Heart with the tip into the circle

2. Heart with the tip out of the circle

Edit Existing Appliqué

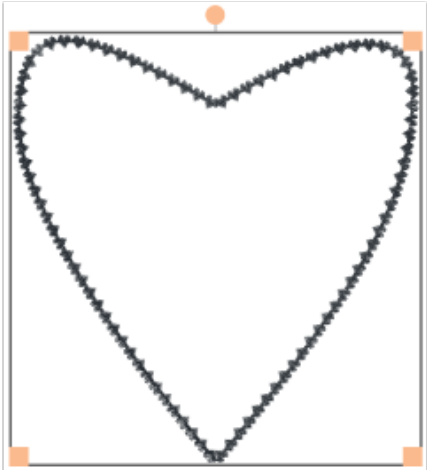
If you want to make any changes to an already created appliqué in Embroidery Edit, touch to select your shaped design and the Appliqué Creator will be highlighted. Touch to open the Appliqué Creator to edit your Appliqué.

You can also touch & hold to open the Smart Toolbox and select Edit in Appliqué Creator to enter the Appliqué Creator again.



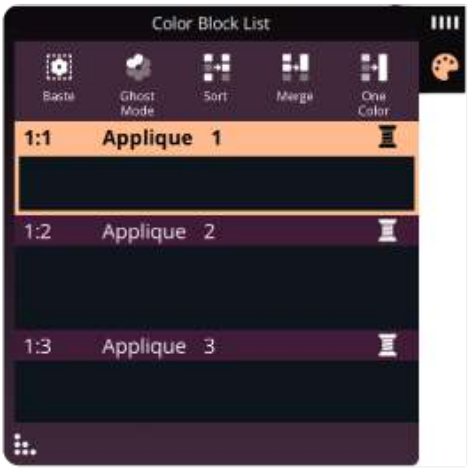
Create Appliqué Exercise

1. Touch Appliqué Creator in Embroidery Edit to start a new appliqué. In the Menu Panel, you will find different shapes, letters and numbers to choose from when creating your appliqué. Touch a shape to load it.
2. All shapes have a satin stitch ready to be embroidered. If you want another stitch, select one from the Autofill Stitch Menu to load it to the shape line.
3. To change the size of the appliqué touch one of the scale handles in the corners of the selection frame and move your finger on the screen. To rotate your shape, touch the rotate handle on the screen.
4. Touch OK to confirm your created appliqué and load it to Embroidery Edit. Touch Embroidery Stitch-Out to embroider your appliqué.



Appliqué Stitch-Out

1. The first color block will sew a straight stitch outline on the base fabric to show where the appliqué will be sewn.
2. Place your appliqué fabric over the outline stitch on the base fabric. Make sure that your appliqué fabric covers the outline.
3. The second color block will sew another straight stitch to secure the appliqué fabric to the base fabric.
4. Trim excess appliqué fabric as close to the stitching line as possible.
5. The stitches in color block three will cover the raw edges of your appliqué.





Embroidery Stitch-Out

Embroidery Stitch-Out – Introduction

Go to Embroidery Stitch-Out to embroider your beautiful design(s). Make sure the embroidery unit is connected and the hoop is prepared.

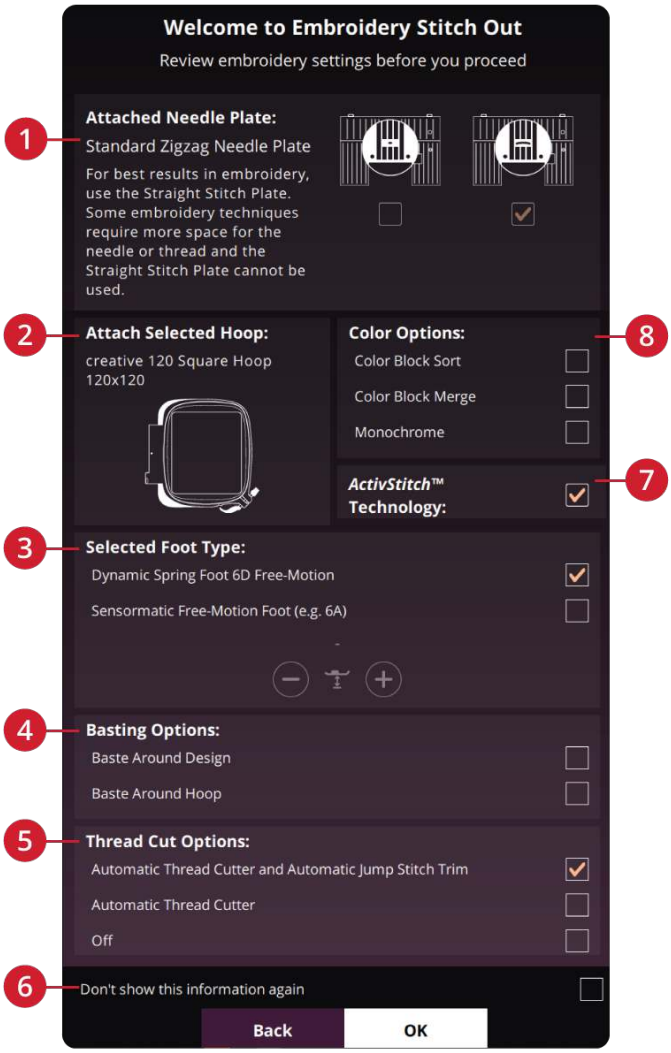
Touch GO to Enter Embroidery Stitch-Out

When you are ready to start Embroider, touch the GO icon to enter Embroider Stitch-Out.



Review the Embroidery Stitch-Out Settings

Embroidery Stitch-Out Settings are automatically opened when entering Embroidery Stitch-Out. Before starting to embroider, review the Embroidery Stitch-Out Settings to check that everything is set as you desire. Touch OK to close. In Embroidery Stitch-Out Settings, you can select "Don't show this again" to skip this screen in future embroideries. You can find the Settings by pressing the Settings icon in the Top Bar.



Attached Needle Plate (1)

The Straight Stitch Needle Plate is generally recommended for best results in embroidery. Your **creative icon™ 2** machine senses which needle plate is attached. If the needle plate shown is not the one you wish to use, attach your preferred needle plate.

Selected Hoop (2)

The currently selected hoop in Embroidery Edit is shown in the window. If you want to change the hoop, return to Embroidery Edit and change the hoop in Hoop Options.

Selected Foot Type (3)

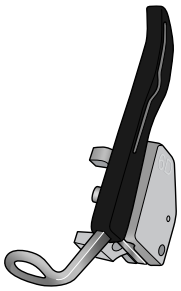
Select either the Dynamic Spring Foot 6D Free-Motion or a Sensormatic Free-Motion Foot, e.g. 6A. It is very important that the correct setting is selected for the attached embroidery foot.

Embroidering with the**ActivStitch™** technology feature and the Dynamic Spring Foot 6D will ensure the best embroidery results.

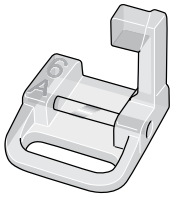
Some specific specialty techniques and/or accessories do not support the use of the Dynamic Spring Foot 6D Free-Motion, e.g. yarn couching and felting.

When the Dynamic Spring Foot 6D is selected the machine will lower the foot to hold the fabric at each stitch. When a sensormatic foot is selected, the machine will lower the foot to a pivot height above the fabric. When using a sensormatic foot the presser foot height can be adjusted for improved performance when using different weights of material and/or embroidery threads.

Note: The embroidery foot will be reset to Dynamic Spring Foot 6D at the start of a new project or start of a new embroidery session from the start page. Make sure you attach the correct foot or change the setting.



Dynamic Spring Foot 6D Free-Motion



Sensormatic Free-Motion Foot 6A

Basting Options (4)

Select Basting to add a basting stitch that will secure your fabric to your stabilizer. You can choose either Baste Around Design or Baste Around Hoop or both. Basting can also be activated in the Color Block List. Read about Basting Options.

Thread Cut Options (5)

Any settings for the thread cut options made in the Embroidery Settings will be shown here and you can change the thread cut options here as well.

Turn Off Stitch-Out Settings (6)

Check the "Don't show this information again" box to go directly to Embroidery Stitch-Out, without reviewing the Embroidery Settings.

This function can be reactivated in Machine Settings.

ActivStitch™Technology (7)

When the **ActivStitch™** technology feature is selected, your machine will automatically choose the best way to control the upper thread, by thread metering or thread tension, based on your selected stitch and settings. Thread metering automatically and continuously measures the fabric thickness to meter the correct amount of thread for the selected stitch. When using thread tension, the tension discs will keep the correct amount of tension on the upper thread.

Thread Metering is the recommended setting for embroidery except when using certain optional accessories or special techniques which may require the use of Thread Tension for best results.

Color Options (8)

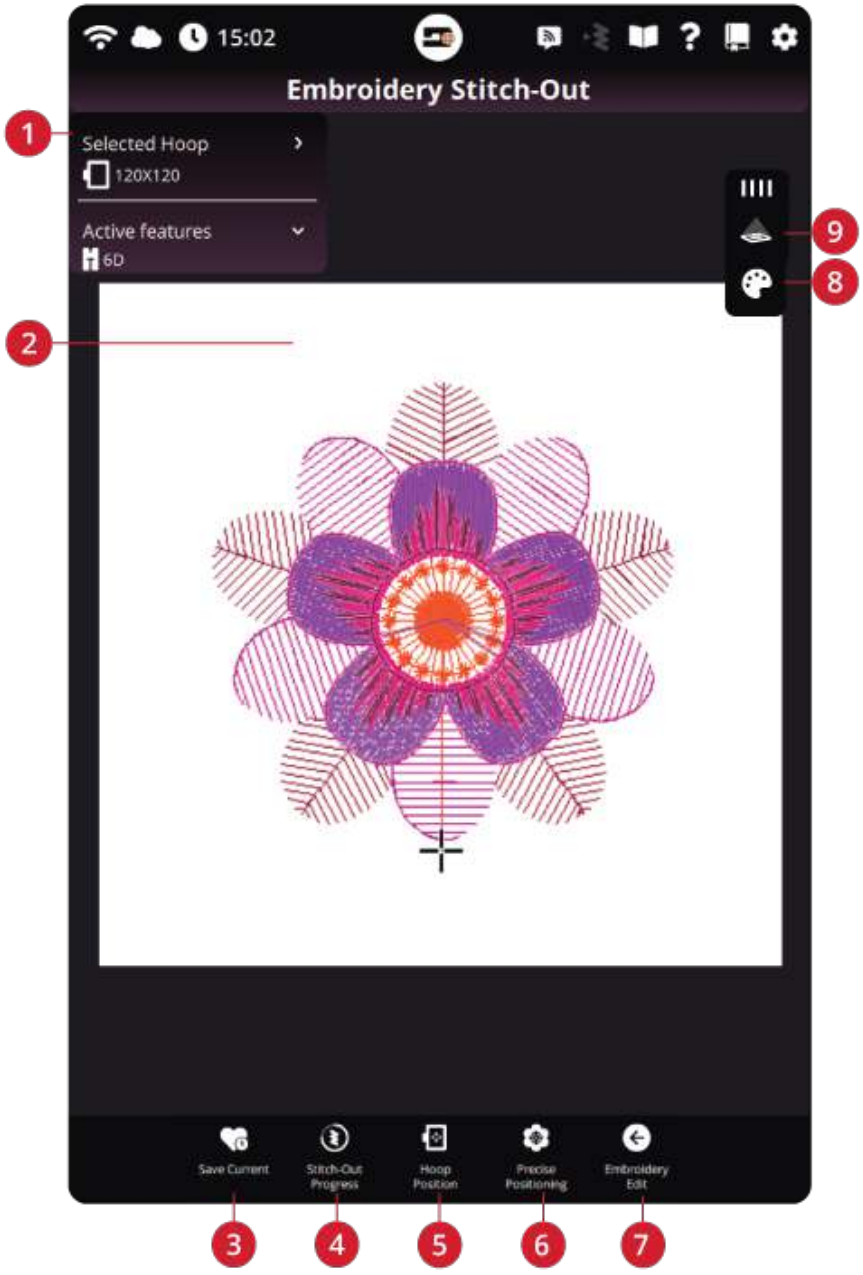
Preset your embroidery with any of the three color options: Sort, Merge or One Color. You can also set these options in the Color Block List. Read more about Color Block Sort, Color Block Merge or One Color.

Note: You can set both Color Block Sort and Color Block Merge if desired.

Turnable Hoop Options – Side Sort

This option will only be visible if the **creative**™ Grand Dream Hoop 360x350 is chosen in the Hoop Options in Embroidery Edit. If you want to embroider all designs on one side of the **creative**™ Grand Dream Hoop before you turn the hoop, select the Side Sort option before closing the Stitch–Out Settings window.

Embroidery Stitch-Out – Overview



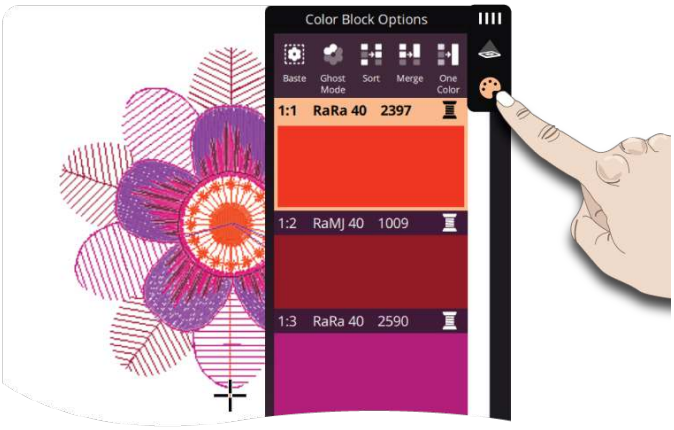
1. Information Area
2. Embroidery Area
3. Save Current State
4. Stitch Progress
5. Hoop Position
6. Precise Positioning
7. Go back to Embroidery Edit
8. Color Edit (color management and basting)
9. Projection

Color Block List

All colors in the loaded design(s) are shown in the order they will be embroidered. Each listed color shows the design number and color block order. Also shown are the thread manufacturer, thread weight and thread color number. The size of each color block gives an indication of how many stitches the color block contains.

Swipe in the Color Block List to see all of the color blocks. To go to another color block, touch it in the Color Block List.

Example: 1:2 RaRa 40 2497, means the second thread color block in the first design to be embroidered is Robison-Anton Rayon 40 weight thread, number 2497.



Basting Options

Basting enables you to secure your fabric to a hooped stabilizer. It is especially useful when the fabric that is going to be embroidered cannot be hooped. Basting provides support for stretchy fabrics.

The Basting options are set in the Stitch–Out Settings window that opens when entering Embroidery Stitch-Out. You can also select Basting in the Color Block List, by touching the Basting Options icon.



Basting Options

Select Baste Around Design to add a basting stitch around the design, outlining the area where the design will be placed on the fabric.

Select Baste Around the Hoop to add a basting stitch around the inside edge of the hoop.

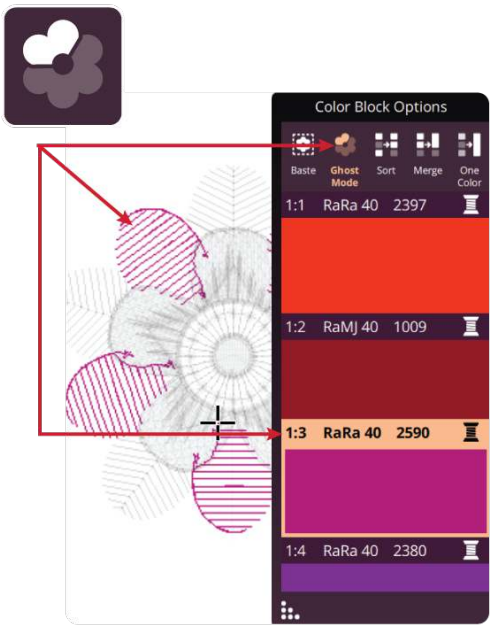
You can select both basting options to add additional support for certain fabrics and techniques.

Note: When activated only the basting color blocks will be shown in the color block list. When basting is complete the Color Block List will once again show the color blocks of your design.

Ghost Mode

Touch Ghost Mode and only the color block that is currently stitching will be visible in the embroidery area. All other color blocks will be greyed out.

Ghost Mode can be useful when your design contains color blocks in different shades of the same color, especially if they are close to or overlapping each other.



Ghost Mode

Sort

Color Block Sort intelligently sorts all color blocks so that the blocks with the same color will follow each other in the Color Block List.

Note: Color Block Sort has to be selected before you start to embroider. Once you have started to embroider the Color Block Sort option will be disabled.



Color Block Sort

Merge

Select Color Block Merge to eliminate the stops between identical color blocks.

Note: The appearance of the Color Block List will remain the same.



Color Block Merge

One Color

Select to activate one color embroidery. All designs are shown in a grey color and the machine will not stop for color block changes. To deactivate one color embroidery, deselect One Color option in the Stitch-Out Settings.

Note: If the automatic thread cutter and automatic jump stitch trim function is selected in Temporary Embroidery Settings the jump stitches will still be trimmed between the color blocks.



One Color

Stitch-Out Progress

Touch to open the Stitch-Out Progress Window to access tools like the Stitch-Out Progress, Remaining Embroidery Time and Step Stitch-by-Stitch.

When embroidering, a cursor indicates current needle position on the screen.



1. *Remaining embroidery time*
2. *Total number of stitches in combination*
3. *Zoom Options*
4. ***ActivStitch™** Technology*
5. *Step Stitch-by-Stitch / Go to stitch*
6. *Stitch-Out Progress*

Remaining Embroidery Time

An estimation of the remaining embroidery time for the complete design is shown in the top left corner of the Stitch Progress window. Time remaining for each color is shown beneath the current color block. If one color is activated, the estimated remaining embroidery time for the whole embroidery combination is shown in the top left corner.



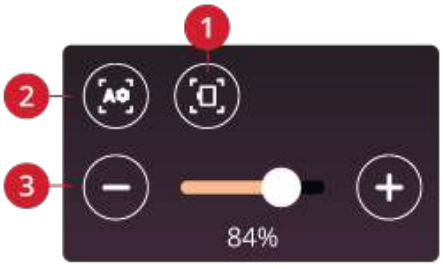
Number of Stitches in Embroidery Combination

The current stitch position in embroidery combination is shown first. The number after the slash shows the total number of stitches in the design or combination.



Zoom Options

Open the Stitch-Out Progress window to access a Zoom Slider, Zoom to All and Zoom to Hoop. Move the slider to the right to zoom in and to the left to zoom out. You will see how much you have zoomed above the slider. Zoom to All will show all the design(s) in the embroidery combination. Zoom to Hoop will zoom to show the whole hoop on the screen.



1. Zoom to Hoop

2. Zoom to All

3. Zoom Slider

ActivStitch™ Technology

The control visible in Embroidery Stitch-Out will change depending on whether the **ActivStitch™** technology feature is active or not in the Embroidery Settings. Use the controls to adjust the balance between upper thread and bobbin thread, e.g. when embroidering with specialty thread. Read more about the **ActivStitch™** technology feature in Embroidery Settings.



Thread metering / Thread tension

Step Stitch-by-Stitch / Go to Stitch

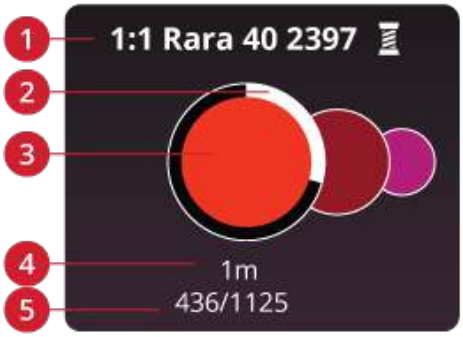
Touch – to step backwards and + to step forward stitch-by-stitch. Move backwards a few stitches, after the upper thread breaks or runs out, to ensure that the thread will be secured. Touch & hold to move through the stitches more rapidly. The cursor on the screen will follow the stitches in the embroidery area.

To go to a particular stitch within the color block, touch the Step Stitch-by-Stitch icon. A keypad will open, where you can enter the stitch number. If the number entered is too large, the machine will move to the last stitch in the current color block.



Stitch-Out Progress

1. Shows currently embroidered design in a combination (no 1) and the currently embroidered color block (no 1). Here is also information on the thread color number that is used.
2. Progress of the current color block.
3. The circles represent different colors in the design. The largest circle shows the color of the currently embroidered color block.
4. Time remaining for each color is shown beneath the current color block.
5. The current stitch position in the current color block. The number after the slash shows the total number of stitches in the current color block.



1. *Current color block – name*
2. *Progress of the current color block*
3. *Current color block – color*
4. *Time embroidered of current color block*
5. *Number of stitches in current color block*

Hoop Position

Use the Hoop Position options to move the embroidery hoop to different positions.

Current Stitch Position

When you want to return to the current stitch position and continue embroidering after you have changed the hoop position, touch the current stitch position. You can also press the Start/Stop button, on the front of the machine, once to return to the current stitch position and start the embroidery.



Park Position

When you have finished your embroidery, remove the hoop and select park position. The embroidery arm will be placed in a position that will allow easy storage. Use the park position when you need to have a free sewing space with the embroidery arm out of the way.

Trim Position

Trim position will move the hoop towards you, making it easier to trim threads and fabric for specialty techniques.

Center Position

When you need to remove the hoop, e.g. when changing a bobbin, touch the Center Position. This will also show the Center Position of the hoop.

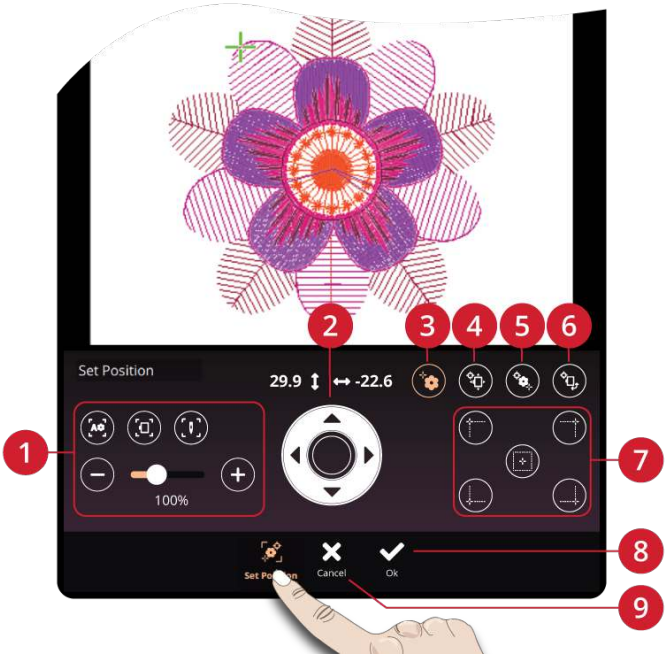
Precise Positioning

Use Precise Positioning to place a design on an exact location on your fabric without re-hooping.

It can also be useful when you want to embroider a design to exactly match a specific spot on your project or next to a previously embroidered design.

Touch to open the Precise Positioning window.

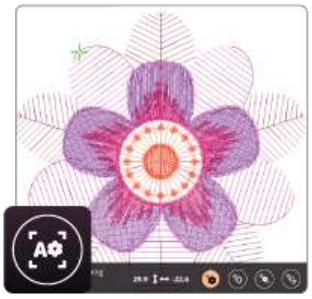
Tip: Use the Projection Feature as a help when using Precise Positioning. By activating the projector, you can see how the design will be stitched out on the fabric (see ,).



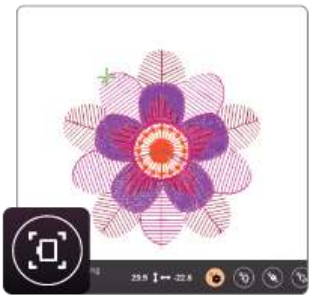
1. Zoom options
2. Control Wheel
3. Select a Locking Point on Screen
4. Set Matching Point on Screen
5. Rotate Design on Fabric
6. Move Locked Point on Fabric
7. Set Cursor Point /Corner Check
8. OK
9. Cancel

Zoom Options

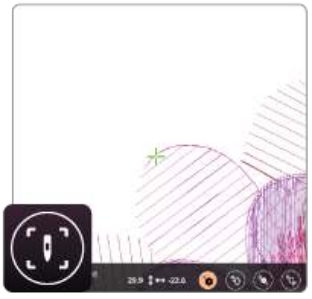
Use the different zoom options to zoom in on your design(s). Choose between "Zoom to All", "Zoom to Hoop", "Zoom to Needle" or the zoom slider. When using the zoom to cursor it will maximize the zoom and pan the embroidery area so the cursor position is centered on the screen.



Zoom to All



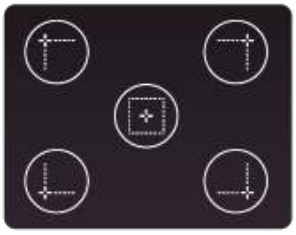
Zoom to Hoop



Zoom to Needle

Set Cursor Point

Touch one of the Set Cursor Points. Move the cursor point to any of the selected corners or to the center of the design. The Set Cursor Point can be used to trace the design field by touching each of the four corner icons. Find the center of the design by touching the Set Cursor Point Center icon.



Precise Positioning Exercise

1. Select a Locking Point on Screen

Touch number 1 to select a locking point. Move the green cursor with your finger to the point in the design on your screen that you want to match to a point on your fabric/previously stitched design. Fine tune with the arrows in the Control Wheel. If you want to place the locking point in a corner or center of the design, touch Zoom to Needle to maximize the zoom and pan the embroidery area for exact position of the cursor.



Select a Locking Point on Screen

2. Move Locked Point on Fabric

Touch number 2. The black cursor will be locked to the design. It will change color from green to black with a ring around the center of the locking point. Touch and move with your finger on the screen to position your design exactly where you want it to match on the fabric or to the previously stitched design. Use the arrows in the Control Wheel to fine tune. Watch the hoop until the needle is exactly where you want it to be on the fabric or the previously stitched design. The locking point on the fabric shows the position of the needle in the design.

Note: If satisfied with the placement of your design, touch OK to close Precise Positioning. If you also need to adjust the angle of the design, continue with step 3.



Move Locked Point on Fabric

3. Set Matching Point on Screen

Touch number 3 to select another matching point on the design to match a second position on the fabric or previously stitched design. Touch and move the green cursor on the screen to where you would like the matching point to be in your design. Fine tune with the arrows in the control wheel. Use Zoom to Cursor to maximize the zoom and pan the embroidery area for exact position of the cursor.



Set Matching Point on Screen

4. Rotate Design on Fabric

Touch number 4. The touch function rotate is automatically selected. Touch and move using your finger on the screen, or use the arrows in the Control Wheel, to rotate the design until the needle is exactly where you want it to be on the fabric or the previously stitched design. Touch OK to close Precise Positioning.



Rotate Design on Fabric

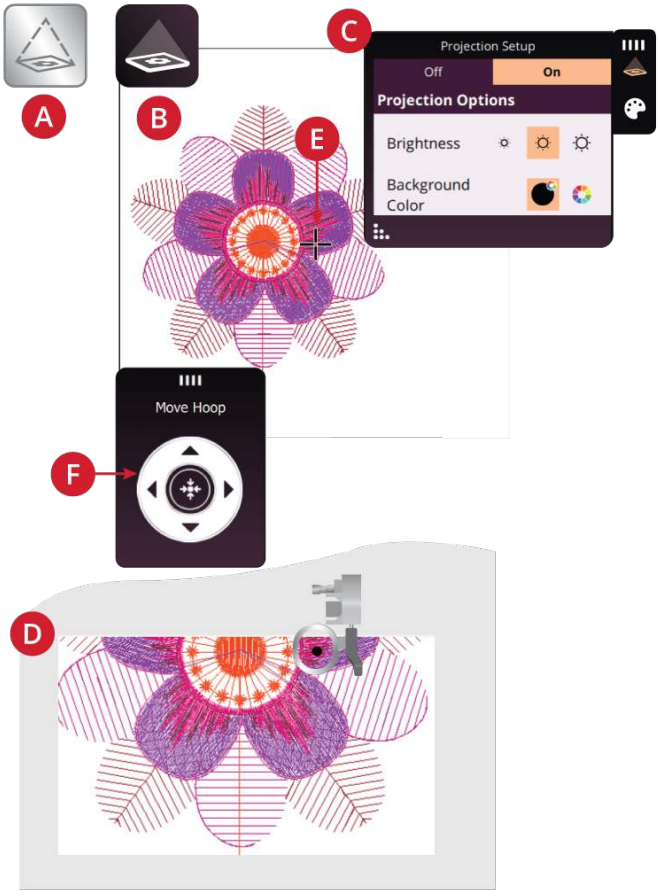
Projection

You can use the projector as a help when positioning a design on the fabric. Maybe you want to cover a stain, place another design in relation to an already embroidered one, or put your design on, for instance, a pocket.

When the Projection button on the sewing head (A) or the Projection icon on the screen (B) is touched the Projection Setup menu opens (C). Once activated, the projector will cause an image of the embroidery design (s) to be projected onto your hooped fabric (D). The cross hair (E) shown on the screen corresponds to the machines needle position.

The projector has a projectable area of approximately 4x2.4 inch (10x6cm) in front of the needle. If the embroidery design is larger than the projectable area, the part of the design(s) that fits inside the projection area is shown on the fabric. You can move the position of the projection area by using the positioning arrows in the Move Hoop control (F). By touching the positioning arrows, the cross hair on the screen and the hoop moves simultaneously to your desired position. The embroidery projection updates as the user edits the position, orientation, color, etc. of the selected embroidery design.

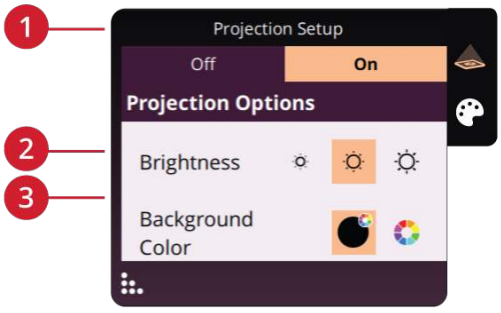
Note: The embroidery arm and hoop will move when using the Move Hoop control, make sure the area around the Embroidery Unit is clear.



Projection Setup Menu

Touch the projector button (on the machine) or the projection icon (on the screen) to activate the projector. Once activated the projection area is lit up around the needle area.

When you start the Projection mode, you will at some point need to attach the Embroidery Unit and Embroidery Hoop. Follow the pop-up instructions given on the screen.



1. *Projection Setup Menu*
2. *Brightness*
3. *Background Color*

Background Color

Here, you can choose the background color of the projection area. Touch the “color circle” to choose your favorite color. The chosen color is highlighted.

Brightness

Touch the different brightness levels to change the brightness of the projection.

Save Current State/Restore Current State

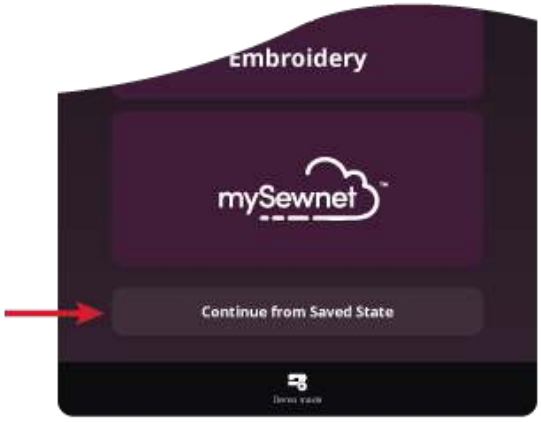
If you want to stop embroidering and save your current position, touch Start/Stop to stop the embroidery. Then touch the Save Current State icon. A pop-up will appear asking if you want to save your current state. Touch OK to confirm. You can now turn your machine off.

When saving current state, all your adjustments are stored and you can continue the embroidery later by touching "Continue from Saved State" at the Home Screen.

Note: You can only have one Current State at a time.



Save Current State



Continue from Saved State is found on the Home Screen

Auto Save

When embroidering, your machine will continuously and automatically save your ongoing work, including the current stitch, current embroidery, current stitch position and settings. If there is a power outage when you are in Embroidery Stitch-Out a pop-up will appear when your machine is restarted. In the pop-up you can choose to return to Embroidery Stitch-Out and bring up the design ready to stitch. The embroidery will start from approximately the same position as it was interrupted from.

Note: Before starting the embroidery go back a few stitches using the step stitch-by-stitch control to ensure that the threads will be secured.

Pop-up Messages in Embroidery Stitch-Out

To make your experience as convenient as possible, your machine sometimes communicate with you using pop-up messages. Those messages can contain warnings, recommendations, information or prompt you to perform an action.

Below, some of the messages that can appear are listed and explained.

The Embroidery Arm Needs to Calibrate
When the embroidery unit is attached, a pop-up message will appear and inform you to slide off the hoop and clear the machine area for calibrating the embroidery arm. You will also be reminded to disengage the IDT™ system and attach a suitable embroidery foot.

⚠ *It is very important to remove the hoop, otherwise the hoop or the embroidery unit may be damaged while calibrating.*

Bobbin Thread Low
When the bobbin thread is running low, a pop-up message appears giving you advance notice that you will soon need to change the bobbin. This gives you an opportunity to plan when you want to change your bobbin.

It is possible to embroider until the thread has completely run out. Without closing the pop-up, touch the Start/Stop button, on the front of the machine or the foot control to continue embroidering.

Touch cancel to remain at the current stitch position.

Touch OK to move the hoop to the Center Position. The hoop position pop-up opens. Replace the empty bobbin with a full one. Touch current position in the pop-up and pull back any excess length of needle thread. Touch the Start/Stop button to continue embroidering.

Cut and Remove the Thread Tail
After changing the thread, the machine will sew a few stitches and then stop so you can cut the thread tail.

Note: When Automatic Thread Cutter and Automatic Jump Stitch Trim function is selected in Temporary Embroidery Settings, the thread will be cut automatically and no cut thread tail pop-up will be shown. Simply remove the thread tail that has been cut.

Attach Hoop
If the hoop attached to the machine does not match the hoop that is selected and displayed on the screen, the machine will not embroider. You must change the hoop to the one displayed on the screen or return to Embroidery Edit and select the hoop to match the attached hoop.

The hoop needs to be inserted properly for the machine to detect it. Slide the hoop connector into the hoop attachment from front to back until it clicks into place.

Change Needle (Optional Accessory)
Cutwork designs and felting designs require special optional needle accessories. Cutwork designs require the **creative™** Embroidery Cutwork Needle Kit (820945-096) and felting designs require the **creative™** Felting Embroidery Set (821068-096).

When the machine stops and this pop-up message is shown, insert the corresponding optional needle. Touch OK and press the Start/Stop button to resume.

Cutwork designs are marked with a cutwork needle symbol and felting designs are marked with a felting needle symbol in the **creative icon™ 2** embroidery collection.

Note: Cutwork designs can also be stitched out without using the cutwork needles. The cutwork area will then have to be cut manually and the color block for the cutwork needle in the color block list should be skipped.

Check Upper Thread
The machine stops automatically if the upper thread runs out or breaks. Re-thread the upper thread from the beginning, close the pop-up message and then go back a few stitches using the Step Stitch-by-Stitch control to ensure that the thread will be secured. Re-start your embroidery.

Change Thread
When it is time to change the upper thread, the machine will stop. Change the spool of thread and re-thread the machine. The recommended thread color number is shown in the pop-up message.

Your Embroidery is Finished
A pop-up message and sound informs you that your embroidery is finished. When the pop-up is closed the design will stay loaded in **Embroidery Stitch-Out** and you can stitch the same embroidery again, including any changes you have made.

Attention!
If the machine stops and this pop-up appears on the screen you cannot continue embroidering. Wait a moment and touch OK when it is enabled. Check needle size and condition and check that your machine is threaded correctly.

Auto Smart Save
If a power outage has occurred, you will see this pop-up message when the machine is restarted. Touch OK in the pop-up to return to Embroidery Stitch-Out. This will load the design ready to stitch from approximately the same position it was interrupted.

Tip: Before starting the embroidery go back a few stitches using the Step Stitch-by-Stitch to ensure that the threads will be secured.



Settings

Settings

Here you will find tabs for Sewing Settings, Embroidery Settings, Machine Settings etc. Just swipe between the tabs and make settings for your **creative icon™ 2** machine. Confirm your selections by pressing OK.

Sewing Settings

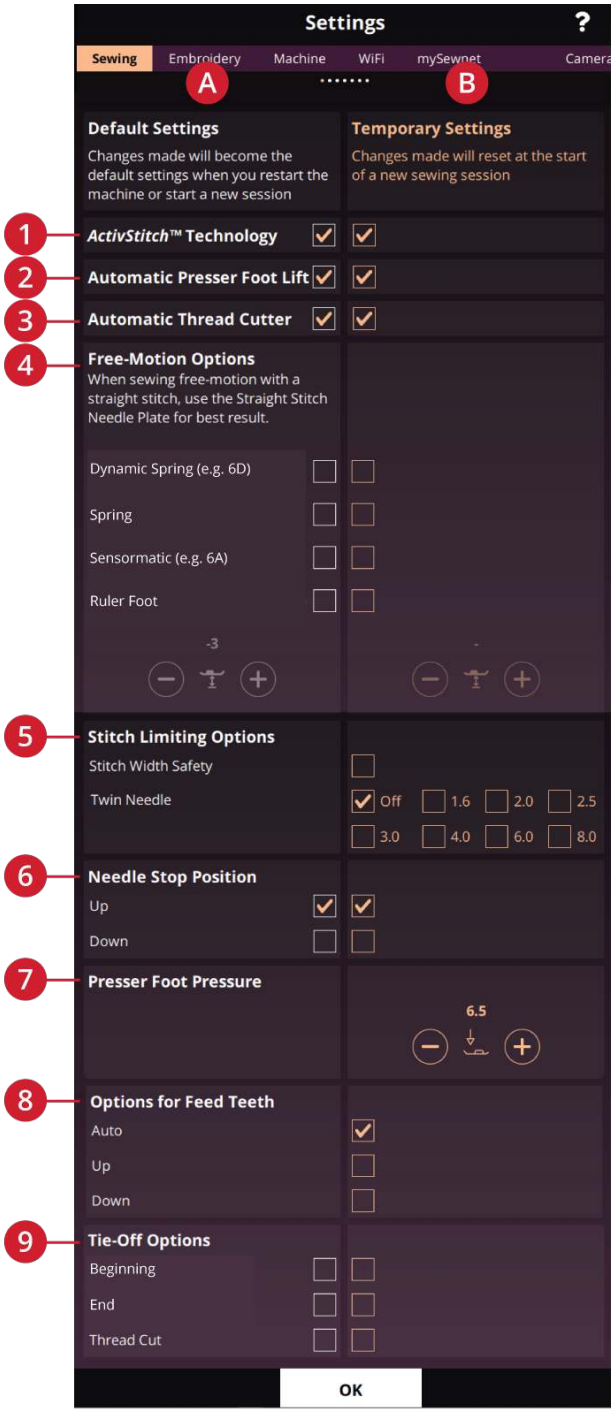
There are two ways to change your settings;

A. **Default Settings:**

Settings made in Default Settings will be saved, even when turning your machine off. The Default Settings becomes active when you start a new session or restart your machine.

B. **Temporary Settings:**

Settings made in Temporary Settings will be reset at the start of a new project in Help Center or start of a new sewing session. When turning your machine off, all changes made in Temporary Settings will be reset to default.



A. Default Settings in white colored check boxes

B. Temporary Settings in orange colored check boxes

ActivStitch™ Technology (1)

When the **ActivStitch™** technology feature is selected your machine will automatically choose the best way to control the upper thread, by thread metering or thread tension, based on your selected stitch and settings. Thread metering automatically and continuously measures the fabric thickness to meter the correct amount of thread for the selected stitch. When using thread tension, the tension discs will keep the correct amount of tension on the upper thread.

For best results we recommend you keep this setting selected except when using specific accessories or special techniques that do not support thread metering.

Deselect the **ActivStitch™** technology feature in the Temporary Settings to switch to thread tension. The control for adjusting thread metering/thread tension , will change depending on the active stitch and whether the **ActivStitch™** technology feature is selected or not in Temporary Settings.

Read about **ActivStitch™**technology in the Sewing chapter.

Automatic Presser Foot Lift (2)

When selected, the machine automatically raises the presser foot in the following situations:

- When stopping with the needle in the down position the presser foot will automatically raise to pivot height.
- After a thread cut the presser foot will be raised to lift position.

When deselected, the presser foot will stay lowered, even if the machine stops with the needle in down position.

Automatic Thread Cutter (3)

When selected, the threads are cut automatically in the following situations:

- At cut commands in stitches and sequences.
- After sewing a single stitch e.g. a monogram or eyelets.

If deselected, no automatic thread cut will be performed.

Note: Deselect when using optional accessories that are attached in the two holes in the needle plate just above the bobbin cover, to prevent damage to the automatic thread cutter knife located under the needle plate.

Free-Motion Options (4)

Choose between several Free-Motion Options; Dynamic Spring, Spring, Sensormatic and Ruler Foot. When one of the Free-Motion Options is selected the corresponding Free-Motion mode will automatically be selected in the Temporary Settings for all new projects or sewing sessions.



Free-Motion Options

It is recommended that you do not set an option for free-motion in the Default Settings; touch the Free-Motion icon in Sewing Mode to choose a temporary option instead.

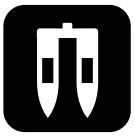
For more information see the description in the Free-Motion Options in Sewing Mode.

Stitch Limiting Options (5)

Set the machine to Stitch Width Safety or select the size of the twin needle to limit the stitch width and stitch positioning. This will minimize the risk of breaking a needle when sewing with accessories that do not allow the use of the entire stitch width.



Stitch Width Safety



Twin Needle

Needle Stop Position (6)

When Up is selected your machine stops with the needle up. When Down is selected your machine stops with the needle down.

This setting can also be set by touching the Needle Up/ Down button on the front of the machine.



Needle Stop Position

Presser Foot Pressure (7)

In most cases, you do not need to adjust the presser foot pressure. Specialty techniques may require an adjustment. The higher the number the more pressure on the fabric.



Presser Foot Pressure

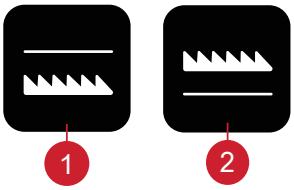
Options for Feed Teeth (8)

When auto is selected (recommended) your machine automatically raises or lowers the feed teeth, depending on the stitch and other selected settings. For example, the feed teeth are lowered when sewing on buttons or when free-motion sewing.

Select Up and the feed teeth will be raised for all sewing. Select Down and the feed teeth will be lowered for all sewing.

Note: The machine will always lower the feed teeth automatically when raising the presser foot to extra lift position.

Note: The feed teeth options will automatically be reset to auto at the start of a new project from the ***Help Center****.*



1. Feed Teeth Lowered

2. Feed Teeth Up

Tie-Off Options (9)

These options let you program a Tie-Off at the beginning and at the end of a stitch. It is also possible to program a thread cut at the end of a stitch.

Note: For immediate Tie-Off, use the Tie-Off button, found on the front of the machine.



Tie-Off Options

Embroidery Settings

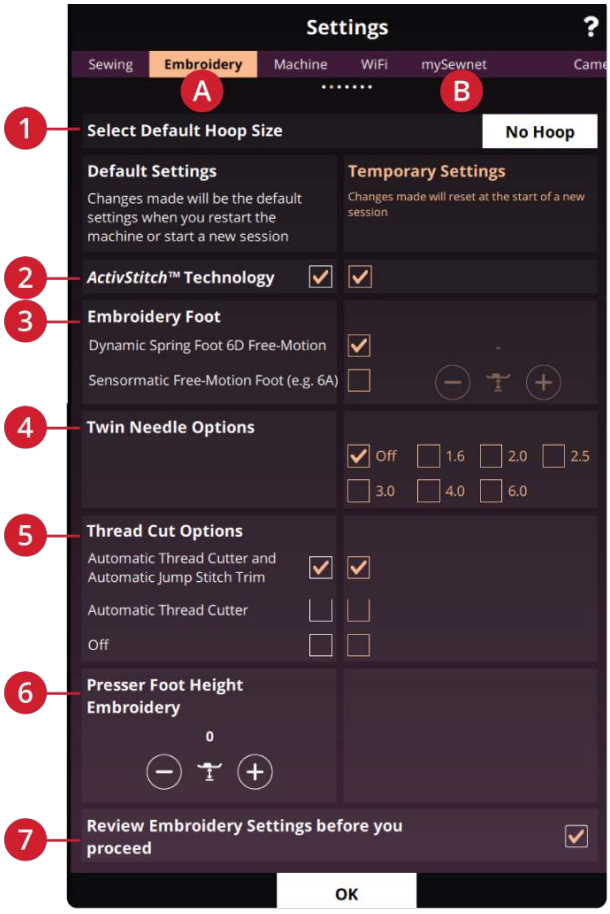
There are two ways to change your settings;

A. **Default Settings:**

Settings made in Default Settings will be saved, even when turning your machine off. The Default Settings becomes active when you start a new session or restart your machine.

B. **Temporary Settings:**

Settings made in Temporary Settings will be reset at the start of a new project in Help Center or start of a new sewing session. When turning your machine off, all changes made in Temporary Settings will be reset to default.



A. Default Settings in white colored check boxes

B. Temporary Settings in orange colored check boxes

Select Default Hoop Size (1)

Touch to open a list of available hoop sizes. The selected hoop will be the default hoop when loading any design to the embroidery area, independent of the design size.

ActivStitch™ Technology (2)

When the **ActivStitch™** technology feature is selected your machine will automatically choose the best way to control the upper thread, by thread metering or thread tension, based on your selected stitch and settings. Thread metering automatically and continuously measures the fabric thickness to meter the correct amount of thread for the selected stitch. When using thread tension, the tension discs will keep the correct amount of tension on the upper thread.

For best results we recommend you keep this setting selected except when using specific accessories or special techniques that do not support thread metering.

Deselect the **ActivStitch™** technology feature in the Temporary Settings to switch to thread tension. The control for adjusting thread metering/thread tension, will change depending on the active stitch and whether the **ActivStitch™** technology feature is selected or not in Temporary Settings.

Embroidery Foot Type (3)

Select desired embroidery foot type, Dynamic Spring Foot 6D Free-Motion or a Sensormatic Free-Motion Foot (e.g. 6A).

Twin Needle Options (4)

When a twin needle size is selected the **ActivStitch™** technology feature will automatically use thread tension. When embroidering with a twin needle the Straight Stitch Needle Plate needs to be removed as it cannot be used with a twin needle. The twin needle setting will automatically be set when loading a twin needle embroidery project from the project menu.

Note: It is very important to activate the twin needle setting when embroidering with a twin needle to prevent damage to the machine.

Thread Cut Options (5)

Choose between three thread cut options: no thread cuts, automatic thread cut and a combination of automatic thread cut and automatic jump stitch trim.

Presser Foot Height Embroidery (6)

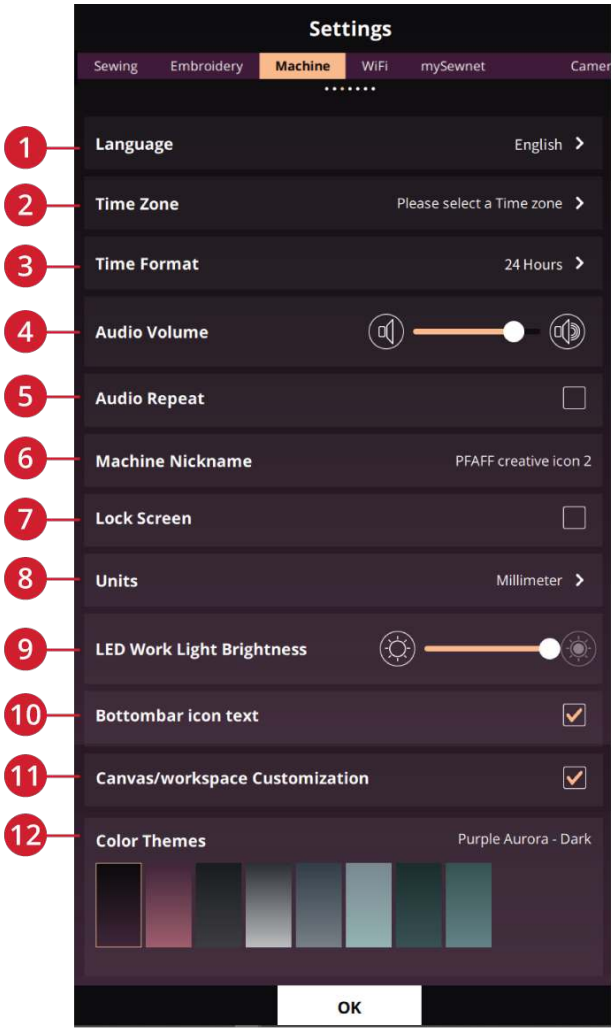
When using the Sensormatic Free-Motion Foot 6A, the presser foot height can be adjusted for improved performance when using different weights of material and/or embroidery threads.

Review Embroidery Settings (7)

Check this box if you do not want to review your embroidery settings before you enter Embroidery Stitch Out.

Machine Settings

All settings made in the machine settings will be saved, even when turning your machine off.



Language(1)

Select your desired language. All texts in your machine will be changed after restart.

Time Zone (2)

This is where you set your time zone. The clock is set to UTC (Coordinated Universal Time) standards. For exemple London is UTC time +/- 0 hours, New York is UTC -5 hours and Sydney is UTC +10 hours. Scroll through the time zones to find the time zone you are in.

Time Format (3)

Set if your clock show a 12– or a –24 hour format.

Audio Volume (4)

Change the audio volume using the slider bar. All sounds in your machine will be affected when the audio volume is changed. When the slider is all the way to the left, the volume is muted.

Audio Repeat (5)

When active, the signal for some warning alerts or attention pop-up messages will be repeated in intervals until the pop-up is closed.

Machine Nickname (6)

Touch to select a nickname for your machine. This can be useful when owning more than one machine, to distinguish one machine from another when working in mySewnet. The name will be shown on the screensaver.

Lock Screen (7)

When selected, the screen is automatically locked whenever it is inactive for ten seconds. A pop-up is shown on the screen and the screen will remain locked until you touch OK in the pop-up.

Units (8)

Touch millimeter or inch to set the measurement unit you prefer.

LED Work Light Brightness (9)

Adjust the brightness of the LED lights to adapt to the light conditions in your sewing room. Simply move the slider to the right to make the LED lights brighter or to the left to make them less bright.

Bottom Icon Text (10)

Choose whether or not you want to have text together with your icons in the bottom bar.

Customize Your Work Area (11)

Check this box to allow you to move around functions that is used often, and customize them on the screen. Drag and drop functions with the detatch icon to desired location.

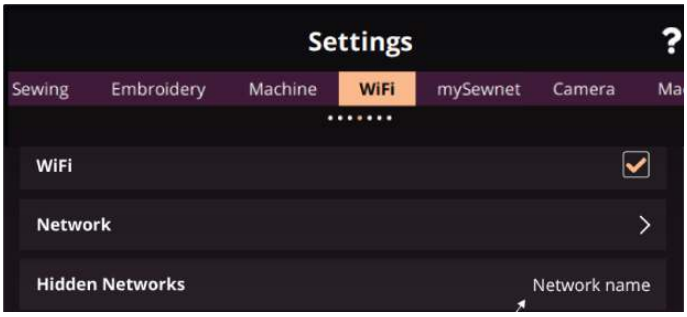
Color Themes (12)

Set your own favorite color theme to your machine.

WiFi Settings

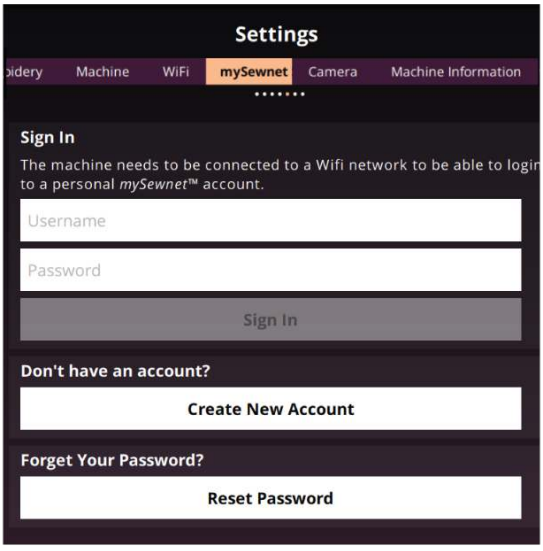
In WiFi settings you can activate/deactivate WiFi on your machine, search for available networks and connect. If connected to a network with Internet access the latest firmware update will always be available. When WiFi is connected and you have logged in to the mySewnet cloud, all your saved files in the machine will synchronize with the mySewnet cloud.

Read more about the WiFi connection in your machine in the WiFi chapter.



mySewnet Settings

In the mySewnet Settings you can sign in to the mySewnet cloud or, change the user. You will also be able to create a new user. With a mySewnet account you will be able to access all of the mySewnet services.



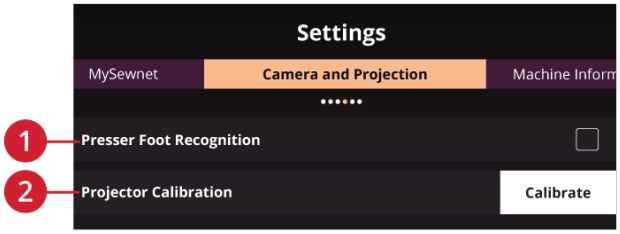
Camera and Projection Settings

Presser Foot Recognition (1)

When checked, the Presser Foot Recognition feature is activated (default). Uncheck the box to turn off the Presser Foot Recognition feature.

The Presser Foot Recognition feature is using the camera and artificial intelligence (AI), with a neural network that makes predictions, so that your machine can recognize which presser foot is attached. If the presser foot predicted to be attached differs from the one recommended for the selected stitch, this will be indicated in the Information Area.

Note: The performance of the Presser Foot Recognition feature can be affected by eventual alterations of a presser foot's appearance; due to room lighting, fabric reflectivity properties, position fluctuations, obstructions or physical alterations of the presser foot's surfaces.



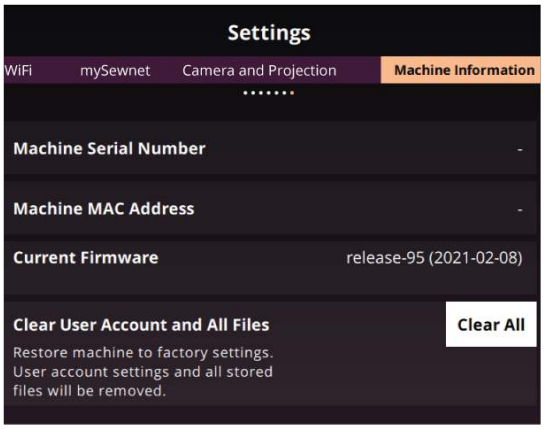
Projector Calibration (2)

After frequent use, transportation etc, the projector might need to be calibrated to perform exact projection.

Touch “Calibration” to start the calibration, then follow the directions given on your screen.

Machine Information

Machine information contains technical machine information such as: machine serial number, machine MAC address and current firmware. In machine information you can clear user account and files.





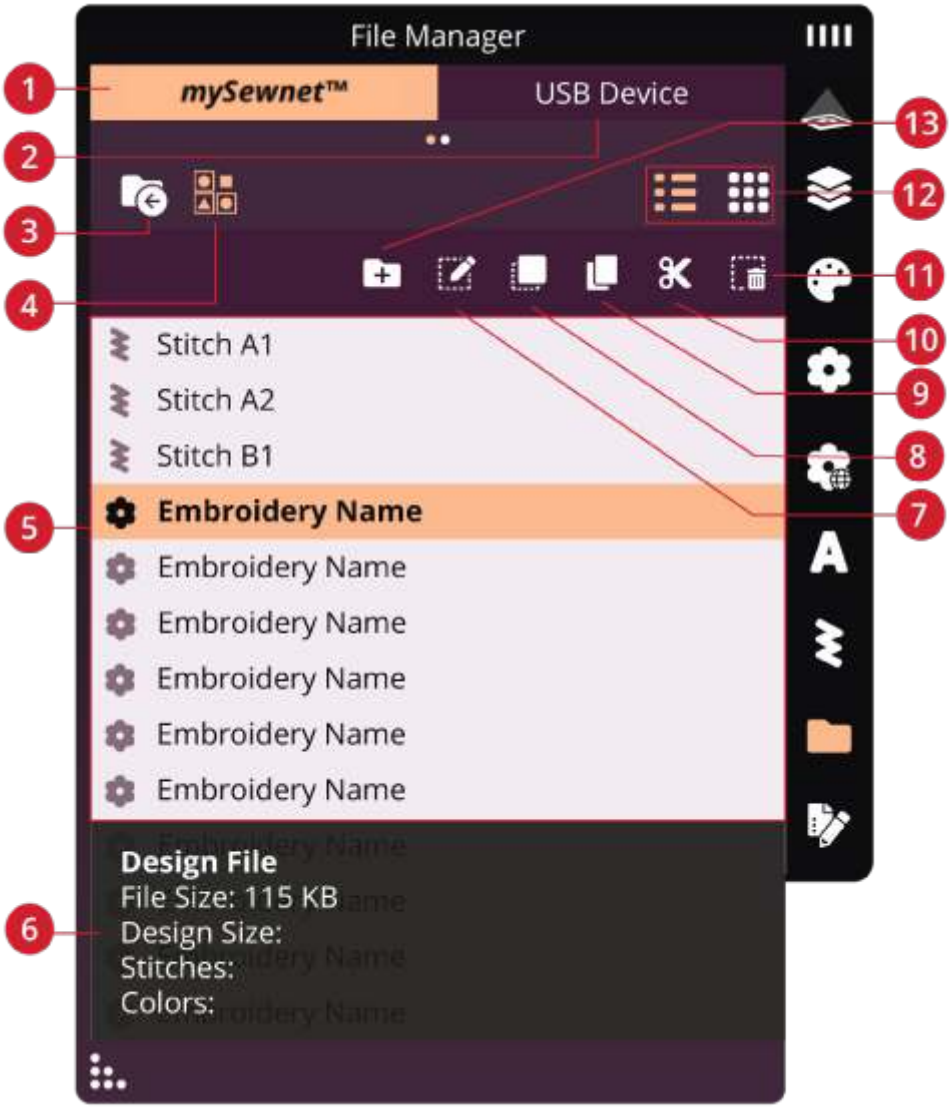
File Manager

File Manager – Introduction

Touch the folder icon in the Menu Panel to open File Manager.

File Manager is used to open design files, font files and stitch files. Store your saved files in the mySewnet cloud folder or to a USB device connected to your **creative icon™ 2** machine.

File Manager – Overview



1. mySewnet folder
2. USB Device
3. Move Up One Folder
4. Multi-Select
5. Selection Area
6. File Information
7. Rename File or Folder
8. Copy
9. Paste
10. Cut
11. Delete
12. List/Thumbnail View
13. Create New Folder

File Formats

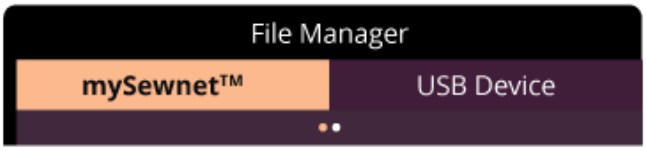
Your **creative icon™ 2** machine can load the following file formats:

- .VP4, VP3, .SHV, .DHV, .VIP, .HUS, .PEC, .PES, .PCS, .XXX, .SEW, .JEF, .EXP, .10* and .DST (embroidery files)
- .SPX (stitch file)
- .VF3 (embroidery font file)
- .JOS, .VPP (project files)

Note: Some versions of the embroidery files are not fully supported by your machine.

Note: If the file type or file version is not supported by your machine, or the file is damaged, it is shown in the selection area as an unrecognized file.

Browse File Manager



Store your designs, fonts and stitches in the mySewnet folder or to a USB device connected to the USB ports. The USB Device is only available when a USB device is connected to your machine.

To display the content, touch the mySewnet cloud folder or USB Device. Swipe with your finger upwards and downwards to scroll and view the content. Design files and font files are displayed as thumbnail images or with an icon depending on if you have List View or Thumbnail View selected.

Open a File or Folder

Touch a file to read information about the file in the file information area. Touch & hold the file to load it.

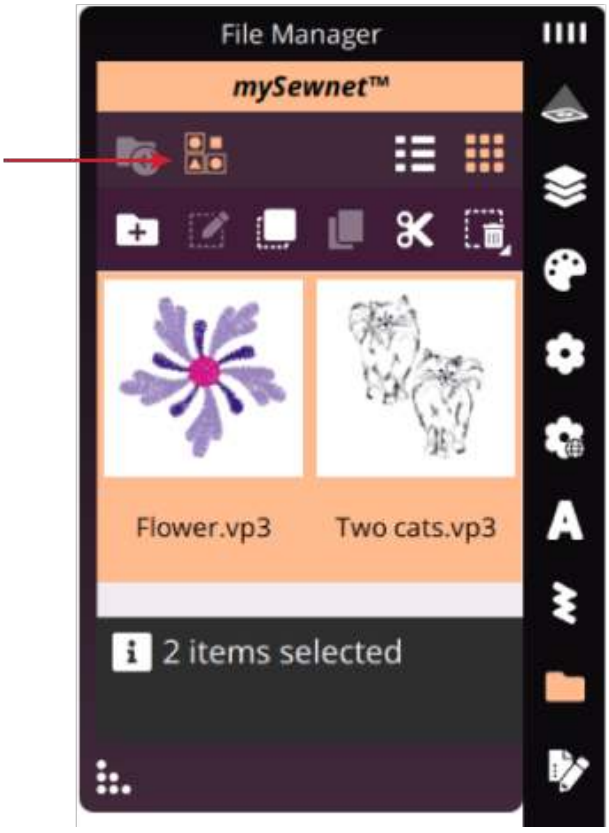
If you load an embroidery font file, it will be loaded into Embroidery Edit. If you load a stitch font file, it will be loaded into Sequence Creator.

Touch & hold on a folder to open it. The content of the folder will be shown in the selection area.

Select Multiple

If you want to select several designs, stitches or fonts at one time, touch the Select Multiple icon. While Select Mulitple is activated, touch the files you want to use. Copy and Paste the selected files e.g. to another folder in File Manager.

Note: If trying to load a combination of files/folders that is not possible to load to the same destination a pop-up message will be shown.



mySewnet Folder

Save designs, stitches and fonts to the mySewnet cloud folder on the machine. If you are signed in to a mySewnet account and connected to mySewnet your saved files will be synchronized automatically with the mySewnet cloud.



USB Device

The USB Device menu is only active when a USB device is connected to the machine. Touch the USB Device menu to display all of the connected devices. Touch a USB Device to explore it.

The files visible in the USB section is listed in File Formats.

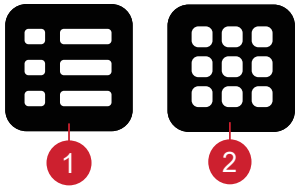
Note: If you choose Delete All while in USB, it will delete all the files on your USB, even the ones not visible on the machine.



List/Thumbnail View

Touch the List/Thumbnail View icon to toggle between showing the files in a list or as thumbnail icons. In list view each file is shown with the file name and file type. In thumbnail view each file is shown with file name and a thumbnail image of the file.

In list view all files are sorted in the following categories; Folder, Design, Pattern, Embroidery, Font, Stitch Font, Project, Sounds and Image. This makes it easier to find a specific file if you have many different file types in the same folder.



1. List View

2. Thumbnail View

Move up One Folder Level

Use the move up one folder level icon to step up through the levels of folders. You can step up all the way to the first level. In the selection area you will see the files and folders for each level as you step up. Touch & hold on a folder to open it.



Move up One Folder Level

Organize

Below are instructions on how to organize your files in File Manager.

Create New Folder

Touch the create new folder icon to create a new folder in the current position. A pop-up message opens where you can enter a name for your folder.



Create New Folder

Rename a File or Folder

To change the name of a file or folder, touch to select it and then touch the rename file or folder icon. A pop-up message opens where you can enter the new name for a file or folder.



Rename

Move a File or Folder

Use cut and paste to move file(s) or folder(s) to another location.

Select the file(s) or folder(s) and then touch the cut icon. Open the folder where you want to place the selection. Touch the paste icon. The file(s) or folder(s) is removed from its original location and now stored in the new folder.

Note: Activate Multi-Select to be able to select and move more then one file and/or folder the same time.



Cut



Paste

Copy a File or Folder

Use copy and paste to copy file(s) or folder(s) to another location.

Select the file(s) or folder(s), then touch the copy icon. Open the folder where you want to place the selection. Touch the Paste icon. The file(s) or folder(s) is now stored in the new folder and the original file(s) or folder (s) still exists in the previous folder.

Note: Activate Multi – Select to be able to select and move more then one file and/or folder at the same time.



Copy



Paste

Delete a File or Folder

To delete a file or folder, select it and touch the delete icon. A pop-up message will appear so that you can confirm the deletion. If a folder is deleted, all files within the folder are deleted as well.

To delete all files and folders shown in the active folder, touch & hold the delete icon for a few seconds. A pop-up message will appear so that you can confirm the deletion of all content.

Note: If you choose Delete All while in USB, it will delete all the files on your USB, even the ones not visible on the machine.



Delete

Pop-up Messages in File Manager

To make your experience as convenient as possible, your machine sometimes communicate with you using pop-up messages. Those messages can contain warnings, recommendations, information or prompt you to perform an action.

Below, some of the messages that can appear are listed and explained.

Do You Want to Delete?
When deleting a file or folder, you will need to confirm the deletion in the pop-up message that appears on screen. This will prevent you from deleting anything by mistake.

Not Enough Available Memory
When only a small amount of space is left, your machine will alert you one time. If you continue to fill the space, it will not remind you again, until the space is completely full. Move your files to a USB device by using the cut and paste functions to free up space.

Folder Already Exists
You cannot create a new folder with the same name as another folder on the same level. Create your folder on a different level or enter a different name for the folder.

The Combination of Selected File Types Cannot be Loaded
Some file combinations can not be loaded to the same destination using Multi-Select.



Maintenance

Cleaning the Machine Exterior

To keep your sewing machine operating well, clean it often. No lubrication (oiling) is needed.

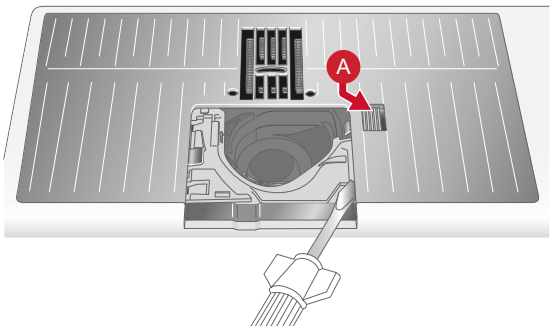
Wipe the exterior surface of your machine with a soft cloth to remove any dust or lint built up.

Wipe the screen with a clean, soft and slightly damp microfiber cloth.

Removing the Needle Plate and Cleaning the Bobbin Area

⚠ *Turn off the machine.*

Remove the presser foot. Open the bobbin cover by pushing the release button (A) to the right. Remove the cover. Place the supplied screwdriver under the needle plate as shown and gently turn the screwdriver to pop off the needle plate. Clean the feed teeth with the brush that is included with the accessories.



Cleaning Under the Bobbin Area

Clean the area under the bobbin case after sewing several projects or any time you notice an accumulation of lint in the bobbin case area.

Remove the bobbin case holder (A) covering the front part of the bobbin case by lifting it up. Remove the bobbin case (B) by lifting it up. Clean with the brush.

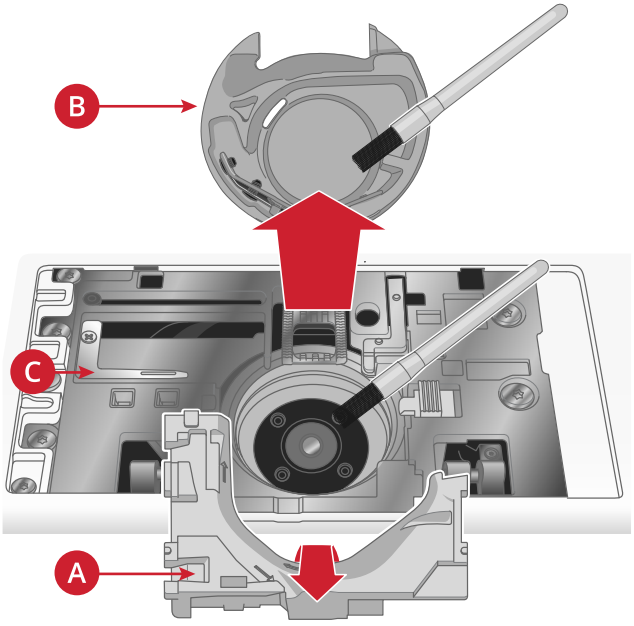
⚠ *Use caution when cleaning around the automatic thread cutter knife (C).*

Put the bobbin case and the bobbin case holder back in place.

Note: Do not blow air into the bobbin case area. The dust and lint will be blown into your machine.

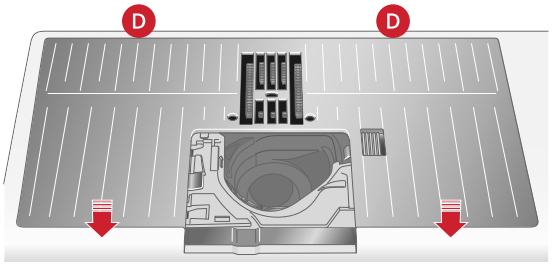
Note: When using the optional accessory PFAFF® Embroidery Cutwork Needles or PFAFF® Felting Embroidery Set, it is necessary to clean the bobbin area after each embroidered design/project.

Note: Regularly clean the lint and threads from the bobbin area. Check the area when changing the needle plate.



Replacing the Needle Plate

Position the needle plate so that it fits into the notch at the back (D). Press the needle plate down until it clicks into place. Replace the bobbin cover.



Troubleshooting

In this troubleshooting guide you will find solutions to the problems you may have with your machine. For further information please contact your local authorized PFAFF® retailer who will be happy to help you.

Note: For problems with the firmware, such as WiFi connection and mySewnet services, please refer to the troubleshooting section in the built-in user's guide.

General Problems

Bobbin alarm does not work	Clean lint from bobbin area and use only the original PFAFF® bobbins designed especially for this model.
Thread cutter does not cut the thread	Remove needle plate and clean lint from bobbin area. Enable automatic thread cutter in the settings menu.
Fabric does not feed	Make sure the machine is not set for Free-Motion sewing. Make sure the feed teeth are not set to down in the settings menu.
Wrong stitch, irregular or narrow stitch	Deactivate twin needle or stitch width safety in the settings menu.
The needle breaks	Insert needle correctly as described, see Changing the Needle, page 26. Use a needle suitable for selected fabric. See Selecting Correct Thread/Needle Combination, page 29.
The machine will not sew	Check that all plugs are securely inserted into the machine and the wall socket.
Poor sewing/embroidery result	Use only accessories designed for your **creative icon™ 2** machine. Follow the on-screen recommendations.
The sewing and embroidery machine screen and/or function buttons do not respond to touch	The sockets and function buttons on the machine can be sensitive to static electricity. If the screen does not respond to touch, turn the machine OFF and then ON again. If the problem persists, contact your authorized PFAFF® retailer.
When sewing in heavy and/or dense fabrics the machine emits a distinct sound different from the sound normally generated when sewing.	The sound is not an indication of malfunction. The machine is equipped with a pulsating needle piercing feature that helps the needle to penetrate heavy and/or dense fabrics. The sound is caused when the presser foot and fabric lift with the needle. Increase the presser foot pressure to prevent the foot from lifting. If the sound does not seem to be related to the pulsating needle piercing feature, contact your authorized PFAFF® retailer for service.
The camera lens is dirty/blurry	If the Camera lens gets dirty or blurry please contact your authorized PFAFF® retailer for service.
The projection is blurry	If the projection is blurry please contact your authorized PFAFF® retailer for service.

The Automatic Needle Threader Does Not Work Properly

The needle eye is too small for the thread	Use a larger needle size or lighter weight thread. See Selecting Correct Thread/Needle Combination, page 29
Are you using a specialty thread such as an “invisible” or other stretchy thread, metallic or flat metallic thread or heavy weight thread?	Specialty threads may not be caught correctly by the hook on the automatic needle threader. If this happens, the needle will not be threaded. Try using the automatic needle threader again or thread the needle manually.
Pop-up message: The automatic needle threader is not in its home position. Touch OK to calibrate.	The needle threader has shifted from its home position, possibly due to something snagging on it during sewing or embroidery. Touch OK to calibrate the needle threader and continue sewing or embroidering.
Pop-up message: The calibration of the automatic needle threader has failed. Touch OK to calibrate again. If the automatic needle threader still does not calibrate correctly, please contact your local authorized service center.	Shown if the machine fails to calibrate the needle threader when turning on the machine. Remove anything that may be blocking the needle threader and touch OK.
Pop-up message: The automatic needle threader seems to be blocked and cannot return to its home position. Touch OK to move the automatic needle threader to position for manual cleaning.	If using thread that is too thick for the needle, the automatic needle threader may not be able to pull the thread through the needle eye. Touch OK to go to manual cleaning. A new pop-up message with further instructions will appear. If you cannot identify the problem or are unable to remove the thread, touch cancel.
Pop-up message: Gently remove any thread that is stuck in the automatic needle threader or needle eye. Touch OK to return the automatic needle threader to its home position.	If using thread that is too thick for the needle, the automatic needle threader may not be able to pull the thread through the needle eye. Remove the thread carefully so as not to damage the small hook that runs through the needle eye. Once the thread is removed, touch OK.
Pop-up message: The automatic needle threader is not in its home position. Further sewing is disabled to prevent damage to the machine. After closing this pop-up, touch the automatic needle threader button on your machine to try threading again or contact your local authorized service center.	Contact your authorized PFAFF® retailer for service.
Pop-up message: The automatic needle threader cannot return to its home position. Further sewing is disabled to prevent damage to the machine. Please contact your local authorized service center.	Contact your authorized PFAFF® retailer for service.

The Machine Skips Stitches

Did you insert the needle properly?	Insert needle correctly as described, see Changing the Needle, page 26.
Did you insert a wrong needle?	Use needle system 130/705 H. Use a needle suitable for selected fabric and thread. See Selecting Correct Thread/Needle Combination, page 29.
Is the needle bent or blunt?	Insert a new needle.
Did you thread the machine properly?	Remove the thread completely and rethread the machine, see Threading the Upper Thread, page 27.
Is the correct presser foot used?	Attach correct presser foot.

Is the needle too small for the thread?	Change the needle.
Is the fabric moving up and down with the needle when Free-Motion sewing or embroidering?	Attach the Dynamic Spring Foot 6D. If using the 6A Embroidery/Sensormatic Free-Motion Foot, decrease the embroidery pivot height in settings menu in small increments until the problem is solved.

Needle Thread Breaks

Did you insert the needle properly?	Insert needle correctly, see Changing the Needle, page 26.
Did you insert a wrong needle?	Use needle system 130/705 H. Use a needle suitable for selected fabric and thread. See Selecting Correct Thread/Needle Combination, page 29.
Is the needle bent or blunt?	Insert a new needle.
Did you thread the machine properly?	Remove the thread completely and rethread the machine, see Threading the Upper Thread, page 27.
Does the thread slide down and get caught under the thread spool?	Place the large spool holder with the flat side up under the spool on the spool pin, or for larger spools use a thread net over the spool. See Threading Tips and Hints, page 33.
Is the needle too small for the thread?	Change the needle to the proper size for the thread.
Are you using poor thread with slubs or thread which has become dry?	Change to a new high quality thread purchased from an authorized PFAFF® retailer.
If using a spool cap on top of the spool, is it too small so the thread snags at the top of the spool?	Attach a spool cap slightly larger than the actual thread spool.
Is the best spool pin position used?	Try a different spool pin position (vertical or horizontal).
Is the needle plate hole damaged?	Change the needle plate.
Is the thread tension too high for selected thread?	Lower the thread tension in small increments until problem is solved.

Bobbin Thread Breaks

Is the correct bobbin used?	Use only bobbins especially designed for the **creative icon™ 2** machine.
Did you insert the bobbin properly?	Check the bobbin thread.
Is the needle plate hole damaged?	Change the needle plate.
Is the bobbin area full of lint?	Clean lint from bobbin area and use only the original bobbins approved for this model.
Is the bobbin wound correctly?	Wind a new bobbin.

The Seam has Uneven Stitches

Is the thread tension correct?	Check needle thread tension. Remove the thread completely and rethread the machine, see Threading the Upper Thread, page 27.
Is the thread you are using thick or slubbed?	Change the thread.

Is the bobbin thread evenly wound?	Check bobbin winding.
Is a correct needle used?	Insert a proper needle correctly as described, see Changing the Needle, page 26. Use a needle suitable for selected fabric. See Selecting Correct Thread/Needle Combination, page 29.

The Machine Does Not Feed or Feeds Irregularly

Did you thread the machine properly?	Remove the thread completely and rethread the machine, see Threading the Upper Thread, page 27.
Has sewing lint collected between the feed teeth?	Remove the needle plate and clean the feed teeth with the brush.
Is the Free-Motion setting on?	Turn off Free-Motion setting in sewing mode.
Are the feed teeth set to down?	Make sure the feed teeth are not set to down in the settings menu.
Is the correct presser foot used?	Attach correct presser foot.

Thread Loops are Forming on the Underside of the Embroidery Design

Has the embroidery built up too much to move freely under the presser foot?	Attach the Dynamic Spring Foot 6D. If using the 6A Embroidery/Sensormatic Free-Motion Foot, increase the embroidery pivot height in settings menu in small increments until the problem is solved.

The Embroidery Design is Distorted

Is the fabric hooped properly?	The fabric must be tightly hooped. For larger hoops, use hoop clips.
Is the inner embroidery hoop properly inserted into the outer embroidery hoop?	Hoop the fabric in such a way that the inner hoop exactly matches the outer hoop.
Is the area around the embroidery arm and hoop free?	Clear area around the embroidery unit.
Is the hoop attached properly?	Make sure the hoop connector is inserted all the way into the hoop attachment on the embroidery arm.

The Embroidery Design has Puckered

Did you stabilize your fabric sufficiently?	Ensure you use the proper stabilizer for your technique or fabric type.

The Machine will not Embroider

Is the embroidery unit attached?	Make sure that the embroidery unit is properly attached into the socket.
Is the wrong hoop attached?	Slide on the correct hoop.

Troubleshooting Connectivity

The Machine Cannot Connect to a WiFi Network

The machine will not connect to a WiFi network	Make sure that WiFi is enabled on your machine. Touch the WiFi button on the top bar or go to WiFi settings. Make sure that the machine detects a signal from your WiFi network. If there is no signal, move the machine closer to the WiFi router. Make sure you have selected your WiFi network.
The machine has no Internet connection	Make sure that your WiFi router has access to the Internet.
The WiFi network is password protected	Make sure that you have selected your WiFi network and entered the correct password. If you do not know the password, contact the administrator of your network.

The Machine Cannot Synchronize with the mySewnet Cloud

The machine cannot synchronize files with the mySewnet cloud	Make sure that you have a working WiFi connection. Make sure that you have signed in to your mySewnet account. New mySewnet accounts are registered in the machine or at mysewnet.com Make sure that there is available space on the mySewnet cloud. If the mySewnet cloud is not accessible although you have checked the WiFi connection, the server could temporarily be unavailable. Please try again later.

Service

Have your sewing machine serviced regularly by your local authorized retailer!

If you have followed this troubleshooting information and still have problems, contact your retailer. It may be helpful to bring the fabric, thread and stabilizer you are using with you. If you have a stitch out that shows the problem, please bring that as well. A sewing sample will often give better information than words and help your technician diagnose the problem.

Non-Original Parts and Accessories

The warranty does not cover any defect or damage caused by use of non-original accessories or parts.

Technical specification

Sewing Speed 1050 stitches/minute maximum	**Rated Voltage** 100–120V / 200–240V, 50–60Hz	**Nominal Consumption** <100W
Light Led Lights	**Foot Control Model** FR5	**Safety Class** II (Europe)
WiFi Module Frequency: 2.4 band / 802.11 b/g/n Transmitting power: +17 dBm Reciever sensitivity: –97 dBm	**Machine Dimensions** Length: 590 mm Width: 220 mm Height: 400 mm	**Net Weight** Machine only: 14 kg Embroidery unit: 4.1 kg

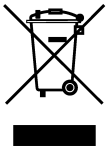
The technical specifications and this user's guide can be changed without prior notice.

You have purchased a modern, updatable sewing and embroidery machine. As we regularly release firmware updates, it is possible that there may be some differences between the machine firmware and the firmware described in the user's guide. Consult your local authorized PFAFF® retailer, and be sure to visit our website at www.pfaff.com for the latest updates of the firmware and the user's guide.

We reserve the right to change the machine equipment and the assortment of accessories without prior notice, or make modifications to the performance or design. Such modifications, however, will always be to the benefit of the user and the product.

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Please note that on disposal, this product must be safely recycled in accordance with relevant National legislation relating to electrical/ electronic products. Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. When replacing old appliances with new ones, the retailer may be legally obligated to take back your old appliance for disposal free of charge.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

Manufacturer
VSM GROUP AB, **SVP Worldwide**
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PFAFF

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