

# Bernina Bernette 340 Deco Embroidery Machine

Information about the Hackspace's Embroidery Machine

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# About



The Hackspace has a Bernina Bernette 340 Deco Embroidery Machine, donated by Brett.

The machine arrived without it's original hoops so we custom designed and 3d printed our own version matching Hoop A, courtesy of DJ. Since we only have Hoop A, the machine is only capable of producing patterns up to 116x110mm in size.

## How to access

Reach out to Jacob in #textiles on Discord if you want to access and use the Embroidery machine. He'll also be happy to take you through how to use it.

## How to use

The following is a quick summary of the manual, you can find a more detailed guide on the given pages in the [manual](#).

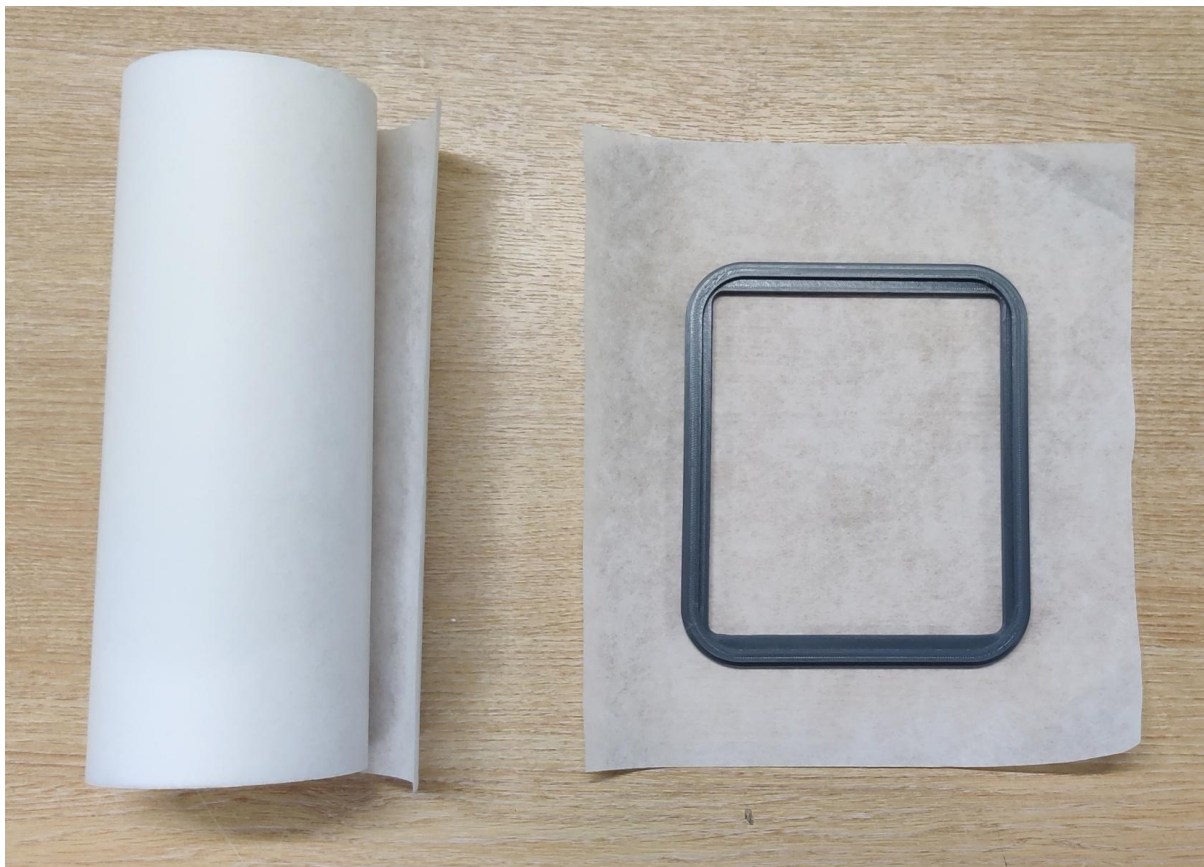
# Setting up

[Pages 7-20](#)

- Prepare Hoop with fabric and paper backing (We have tear-away paper backing available at the space)
- Prepare and install the bobbin
- Install the hoop
- Thread with your initial coloured thread
- Select your pattern
- Drop the presser foot
- Adjust the tension
- Press the green button

## Preparing the hoop

First cut a section of the tear-away paper backing sized to have a good border around the inner hoop.



Then cut a similar sized piece of fabric, and arrange the pieces bottom to top: Outer hoop, paper backing, fabric, inner hoop.

Slot the inner hoop into place, trapping the fabric between the inner and outer hoop and tighten the screw on the outer hoop, pulling the fabric tight as the screw is tightened. Do not tighten the screw all the way, just enough for the fabric to be held in place.



Install the hoop into the machine on the moving arm, securing in place using the wing nut.





# Threading

[Pages 11-14](#)

# Installing the bobbin

[Page 10](#)

# Loading a pattern

- Done via USB
- Navigate to the  menu option
- Browse for your pattern

# Bobbin Winding

[Page 9](#)

# Tips

- The machine is very picky about what USB sticks it will accept, we have found a couple that it likes, please don't lose or break them

# Useful Links

- Manual -  
[https://www.bernina.com/bernina/media/Support/Sewing\\_Quilting\\_Embroidery/Out\\_of\\_Print\\_Manuals/bernette-Deco-340-Manual.pdf](https://www.bernina.com/bernina/media/Support/Sewing_Quilting_Embroidery/Out_of_Print_Manuals/bernette-Deco-340-Manual.pdf)

# Risk assessment

Download Link: [#306 - Embroidery Machine - 260702.pdf](#)

| # | Identify Hazards | Risks          | Who maybe Harmed | Severity | Control Measures                                                                                                                                                                                                                                                                                                                       | Likelihood | Risk Rating |
|---|------------------|----------------|------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|
| 1 | Electricity      | Electric shock | User             | High     | All power tools should be checked for electrical safety prior to use. They should have a PAT test label on. It is the users responsibility to do a visual check of the tool. If any defects are found i.e. cracked casing, defect in lead etc. If defect found the tool is not to be used, be quarantined and a defect label attached. | Low        | Med         |

|   |                                        |                                    |                 |      |                                                                                                                                                                                                                     |     |     |
|---|----------------------------------------|------------------------------------|-----------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 2 | Misuse of equipment                    | Damage to user or equipment        | User, Bystander | High | Members are inducted into the correct use of the equipment and understand associated risks. Members found to be deliberately misusing equipment may have their use of the machine restricted or revoked altogether. | Low | Med |
| 3 | Sewing Needle (In Use)                 | Piercing Injury                    | User            | High | Required induction covers safe usage, First aid kit available in kitchen                                                                                                                                            | Med | Med |
| 4 | Sewing Needle                          | Cutting Self on Needles            | User            | Low  | First aid kit available in kitchen                                                                                                                                                                                  | Low | Low |
| 5 | Ejection of Broken needle from machine | Piercing Injury, Laceration Injury | User            | Med  | Induction covers the risk of sewing over decorations and the importance of needle changes. Induction covers changing needles. First aid kit provided in kitchen                                                     | Low | Med |

|   |                   |                 |      |     |                                                                                                                         |     |     |
|---|-------------------|-----------------|------|-----|-------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 6 | Fast moving Parts | Trapping Injury | User | Med | Machine will fail movements before major injury<br>Induction process covers not touching the equipment during operation | Low | Low |
|---|-------------------|-----------------|------|-----|-------------------------------------------------------------------------------------------------------------------------|-----|-----|