

Brother Sewing Machine Overview

What can the Brother Sewing Machine do?

The Brother SM1704 Sewing Machine is a lightweight, full-size sewing machine that features 17 utility and decorative stitches. The sewing machine is perfect for everyday projects, mending, inserting zippers, creating buttonholes, sewing on buttons, and more.

Safety and Rules

The Brother Sewing Machine uses a sharp needle for sewing. If you need to change the needle, please inform staff for a replacement.

A few of rules to keep in mind before you get started:

- Makers must go through training before they can use the sewing machine.
- Respect the space and equipment, other makers' projects, and yourself.
- Projects must be library appropriate.
- Please do not run your business out of the NBPL MakerStudio.

Reserving the Brother Sewing Machine

Once you've finished your training, you may reserve time on the machine. Request a reservation online at newberlinlibrary.org/makerstudio, or you can call to reserve a time. If the sewing machine is not reserved, it is first come first served. Check with staff for availability. The sewing machine may only be used during open studio hours.

Meet the Brother Sewing Machine

Anatomy of the Machine

- The sewing machine must be plugged into a power source and the pedal placed on the floor.
- The On/Off switch is on the side of the machine.
- On the front of the machine are the tension dial, the stitch selection dial, and the reverse sewing lever.
- On top of the machine is the thread holder (towards the back) and the automatic bobbin winding system (towards the front). You will see arrows and markings on the top directing you how and where to wrap the thread in order to put it through the needle. To use the automatic bobbin winding system, put a full thread spool on the back holder and follow the arrows to direct the thread to the bobbin holder. Attach the thread to an empty bobbin and place it on the bobbin holder. Use the pedal to automatically wind the thread onto the bobbin.
- On the right side of the machine is the manual sewing dial, which will manually move the needle without using the foot pedal, as well as the plug for the automatic sewing foot pedal.
- On the left side of the machine is a thread cutter hook.
- In the middle of the machine is the sewing needle and the presser foot, along with a lever to raise and lower the presser foot to hold the fabric in place. Under the foot is a clear window where you can see the bobbin below.

Tools and Cleaning

MakerStudio staff will clean the sewing machine regularly. Please alert staff if cleaning is needed.

A sewing kit is available for checkout to use in conjunction with the Brother Sewing Machine. Staff will retrieve the kit when they set you up with the sewing machine at the time of your reservation.

Included in the sewing kit:

- *Fabric scissors, pinking shears, sewing scissors, and thread clippers
- Fabric clips, pins, and pin cushion
- Seam rippers
- Seam gauges
- Flexible tape measure
- Needles and needle threaders
- Bobbins
- White and black thread

*Please be sure to ONLY use the scissors in this kit with fabric. Paper and other materials will damage them.

Alternate sewing presser feet (for zippers, buttonholes, and buttons) are stored in the sewing machine storage compartment in the bottom of the machine.

Material

The library does not provide consumable materials; however, we do have some small fabric scraps and thread that you may use. Please bring in your own fabric and thread, as well as any extra to test settings on before the final project is made.

Resources

Youtube	youtube.com/user/BrotherSews
Brother	Brother-USA.com