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› [Brother](#) /

› Brother FB1757X Mechanical Sewing Machine User Manual

Brother FB1757X

Brother FB1757X Mechanical Sewing Machine User Manual

Model: FB1757X

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your Brother FB1757X Mechanical Sewing Machine. Please read this manual thoroughly before operating the machine and keep it for future reference. The Brother FB1757X is designed for various sewing projects, offering ease of use for both beginners and experienced users.



Image 1.1: Front view of the Brother FB1757X Mechanical Sewing Machine.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury to persons.

- Do not leave the machine unattended while plugged in.
- Unplug from outlet before cleaning, removing covers, or when not in use.
- Keep fingers away from all moving parts. Special care is required around the sewing machine needle.
- Use the proper needle plate. The wrong plate can cause the needle to break.
- Do not pull on the power cord to disconnect from the outlet. Grasp the plug, not the cord.
- Never operate the machine with any air openings blocked. Keep air openings free of lint, dust, and loose cloth.

3. PRODUCT OVERVIEW

The Brother FB1757X is equipped with features designed for efficient and comfortable sewing.

Key Features:

- **17 Built-in Stitches:** Offers a variety of stitch patterns for different sewing needs.

- **4-Step Buttonhole:** Simplifies the process of creating buttonholes.
- **Reverse Button:** Allows for reinforcing stitches.
- **Free Arm:** Ideal for sewing cylindrical items like sleeves and pant hems.
- **LED Work Area Lighting:** Illuminates the sewing area for better visibility.
- **Automatic Bobbin Winding:** For quick and easy bobbin preparation.

FB1757X

At a Glance



Mechanical Sewing Machine

- 17 Built-in Stitches
- 4 Sewing Feet Included
- 4-Step Buttonhole
- Automatic Bobbin Winding

*Check other images for more product features.

Image 3.1: Overview of the Brother FB1757X's main features, including 17 built-in stitches, 4 sewing feet, 4-step buttonhole, and automatic bobbin winding.

Included Accessories:

- Buttonhole Foot
- Zigzag Foot
- Zipper Foot
- Button Sewing Foot
- Extension Table



Image 3.2: The four essential sewing feet included with the machine: buttonhole, zigzag, zipper, and button sewing foot.

4. SETUP

4.1 Unpacking

Carefully remove the sewing machine from its packaging. Retain all packaging materials for storage or future transport. Ensure all accessories listed in the product overview are present.

4.2 Power Connection

1. Place the machine on a stable, flat surface.
2. Insert the machine plug into the machine's power socket.
3. Plug the power cord into a suitable electrical outlet.

4.3 Threading the Machine

Proper threading is crucial for correct stitch formation.

4.3.1 Winding the Bobbin

1. Place a spool of thread on the spool pin.
2. Guide the thread through the upper thread guide and around the bobbin winding tension disc.
3. Insert the thread through the hole in the bobbin from the inside out.
4. Place the bobbin onto the bobbin winder spindle and push it to the right.
5. Start the machine to wind the bobbin. Stop when the bobbin is full.
6. Cut the thread and remove the bobbin.

4.3.2 Inserting the Bobbin

1. Open the bobbin cover.
2. Insert the wound bobbin into the bobbin case, ensuring the thread unwinds in the correct direction (usually counter-clockwise).
3. Guide the thread through the tension spring and into the thread guide slot.
4. Close the bobbin cover.

4.3.3 Threading the Upper Thread

1. Raise the presser foot lever.
2. Place a spool of thread on the spool pin.
3. Guide the thread through the upper thread guide.
4. Follow the numbered threading path down the front of the machine, around the tension discs, and up to the take-up lever.
5. Thread the take-up lever from right to left.
6. Continue guiding the thread down to the needle bar and through the needle eye from front to back.



Image 4.1: The Brother FB1757X machine set up for sewing, demonstrating the upper thread path and bobbin area.

5. OPERATING INSTRUCTIONS

5.1 Stitch Selection

The Brother FB1757X offers 17 built-in stitches. To select a stitch, turn the stitch selection dial located on the front of the machine to the desired stitch pattern.

5.2 Sewing with the Free Arm

To use the free arm, slide off the accessory box. This exposes the narrow free arm, which is useful for sewing cuffs, sleeves, and other small, circular items.



Image 5.1: Demonstrating the free arm feature, ideal for sewing sleeves and other small, cylindrical fabric pieces.

5.3 Using the Extension Table

For larger projects, attach the included extension table to provide a wider, more stable work surface.



Great for sewing
larger scale projects

Image 5.2: The Brother FB1757X with its wide extension table attached, suitable for handling larger sewing projects.

5.4 Creating a 4-Step Buttonhole

The machine features a 4-step buttonhole function. Attach the buttonhole foot and follow the markings on the foot and the stitch selection dial to create precise buttonholes in four easy steps.

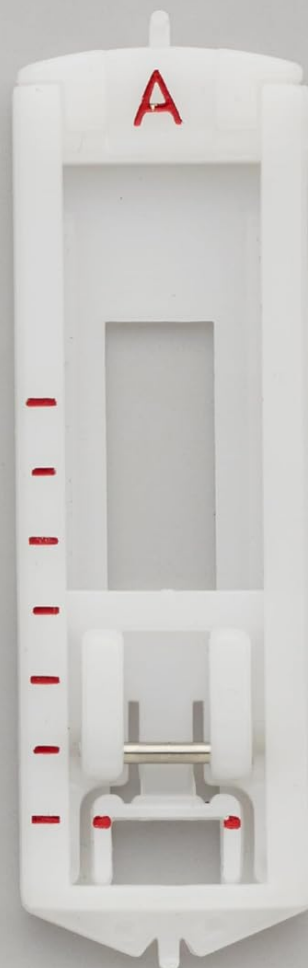


Image 5.3: Close-up of the 4-step buttonhole foot in action, creating a buttonhole on light blue fabric.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your sewing machine.

- **Cleaning:** Regularly clean lint and dust from the bobbin case area and feed dogs using a small brush. Unplug the machine before cleaning.
- **Needle Replacement:** Replace needles frequently, especially when sewing different fabric types or if the needle becomes dull or bent. Use only needles designed for home sewing machines.
- **Lubrication:** Refer to the full instruction manual for specific lubrication points and frequency, if applicable.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. For more detailed troubleshooting, consult the

comprehensive manual or Brother support.

Problem	Possible Cause	Solution
Skipped Stitches	Incorrect needle, bent needle, improper threading.	Replace needle, re-thread machine, ensure correct needle type for fabric.
Thread Breakage	Incorrect tension, poor quality thread, improperly wound bobbin, burr on needle plate.	Adjust tension, use quality thread, re-wind bobbin, check for burrs.
Machine Not Starting	Power cord not plugged in, foot controller not connected, bobbin winder engaged.	Check power connections, ensure foot controller is connected, disengage bobbin winder.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	6 x 15 x 12 inches (D x W x H)
Item Weight	9.1 pounds
Item Model Number	FB1757X
Manufacturer	Brother International Corp
Built-in Stitches	17
Buttonhole Style	4-step
Color	White
UPC	012502676294



Image 8.1: Diagram illustrating the dimensions of the Brother FB1757X sewing machine.

9. WARRANTY AND SUPPORT

Limited Warranty Information:

The Brother FB1757X Mechanical Sewing Machine comes with a limited warranty from the original purchase date:

- **1 year:** For Parts, Labor, and accompanying Accessory Items.
- **2 years:** For Electronic Components and Printed Circuit Boards (replacement labor excluded).
- **25 years:** For the Chassis Casting.



Brother machines are made in Brother-owned and operated facilities by our employees with an emphasis on meeting customer demands with a quality product

Image 9.1: Visual representation of the Brother Limited Warranty terms for the FB1757X.

Support Resources:

For further assistance, frequently asked questions, or to access additional resources, please visit the official Brother support website or contact their customer service.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I replace the belt on the Brother FB1757X Mechanical Sewing Machine?

The provided user manual for the Brother FB1757X Mechanical Sewing Machine does not contain specific instructions for belt replacement. The maintenance section covers cleaning, needle replacement, and general lubrication advice, but it does not...

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