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- > [Brother](#) /
- > [Brother SE600 Sewing and Embroidery Machine User Manual](#)

## Brother SE600

# Brother SE600 Sewing and Embroidery Machine User Manual

Model: SE600 | Brand: Brother

## 1. OVERVIEW AND INTRODUCTION

The Brother SE600 is a versatile sewing and embroidery machine designed for creative projects. It combines advanced features with user-friendly operation, making it suitable for both beginners and experienced crafters. This manual provides essential information for setting up, operating, and maintaining your machine.



*Image: The Brother SE600 Sewing and Embroidery Machine, showcasing its compact design and integrated embroidery unit.*

## 2. KEY FEATURES

The Brother SE600 is equipped with a range of features to enhance your sewing and embroidery experience:

- **80 Built-in Designs:** Includes a variety of high-quality embroidery designs and 6 embroidery lettering fonts for personalizing projects.
- **Automatic Needle Threader and Drop-in Top Bobbin:** Simplifies threading and bobbin changes for quick setup.
- **103 Built-in Sewing Stitches:** Offers a wide selection of stitches, including 10 styles of auto-size buttonholes. Maximum Sewing Speed: 710 stitches per minute.
- **Large Color Touchscreen:** A 3.2-inch Sew Smart color LCD touchscreen allows for easy previewing of designs and stitch selections.
- **4" x 4" Embroidery Field:** Provides a dedicated area for embroidery, complete with an included hoop and embroidery arm.
- **7 Included Sewing Feet:** Comes with a comprehensive set of feet for various sewing tasks.



Large  
Color Touch  
LCD Screen



7 Sewing  
Feet  
Included



103  
Stitches

*Image: Visual representation of key features including the large color touch LCD screen, 7 sewing feet, and 103 stitches.*



**10 Styles  
of 1-Step  
Auto-Size  
Buttonhole**



**80  
Built-In  
Designs**



**6  
Built-In  
Fonts**

*Image: Illustration of the 10 styles of 1-step auto-size buttonholes, 80 built-in designs, and 6 built-in fonts available on the machine.*

### **3. UNBOXING AND INCLUDED COMPONENTS**

Upon opening the package, ensure all components are present and undamaged. The following items are typically included with your Brother SE600 machine:

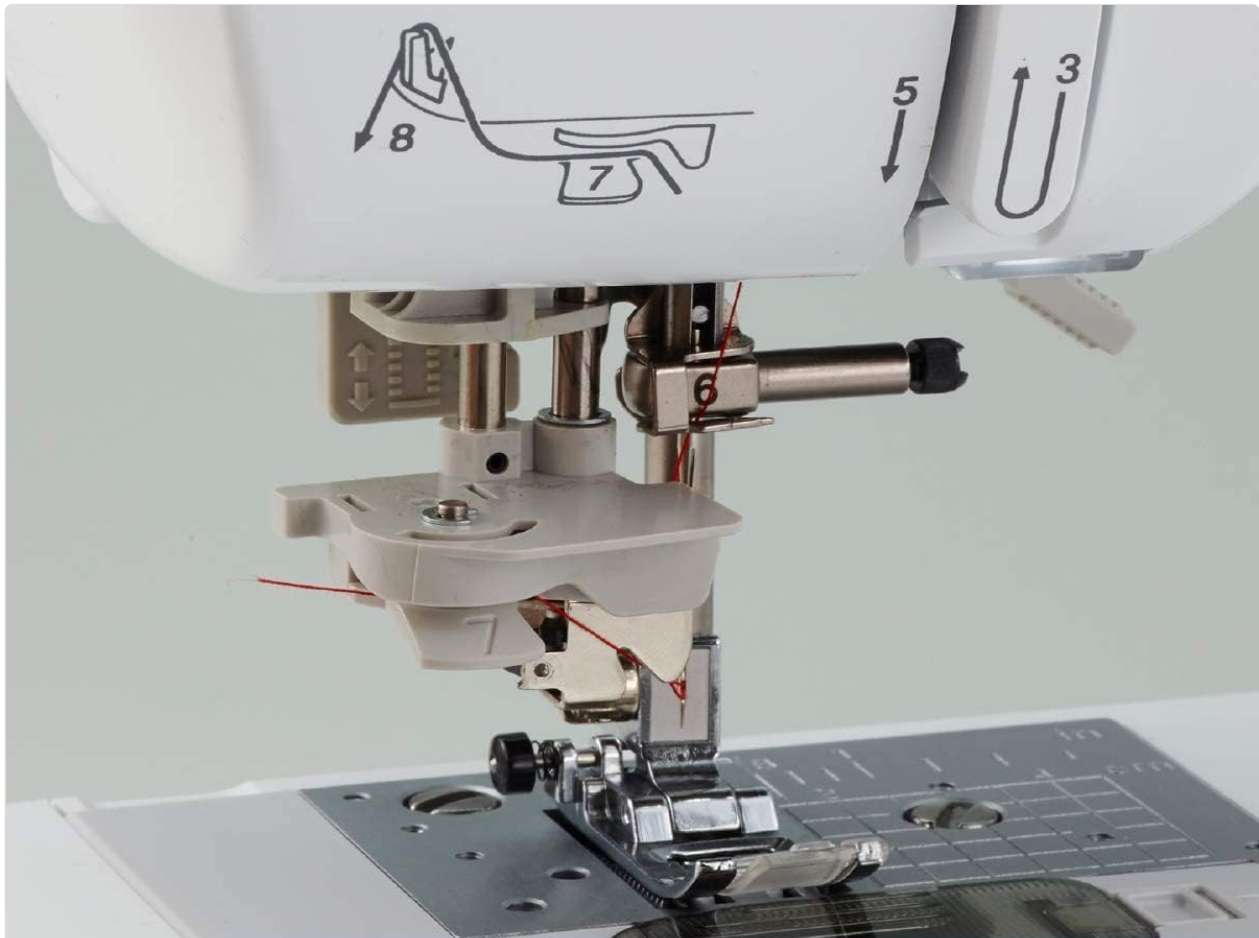
- Brother SE600 Sewing and Embroidery Machine
- Dust cover
- Buttonhole foot
- Zipper foot
- Zigzag foot
- Button sewing foot
- Overcasting foot
- Blind Stitch Foot
- Monogramming Foot
- Embroidery foot
- Accessory pouch



## 4. SETUP

Follow these steps to set up your Brother SE600 machine for first use:

1. **Placement:** Place the machine on a stable, flat surface with adequate lighting.
2. **Power Connection:** Connect the power cord to the machine and then to a 120-volt AC outlet.
3. **Upper Threading:** Follow the numbered guides on the machine for proper upper thread tension and routing. The automatic needle threader simplifies this process.
4. **Bobbin Winding and Insertion:** Wind the bobbin according to the machine's instructions. The quick-set drop-in bobbin system makes insertion easy.
5. **Needle Installation:** Ensure the needle is correctly inserted with the flat side facing the back.



## Automatic Needle Threader



*Image: Close-up view of the automatic needle threader mechanism, showing how it assists in threading the needle.*

## 5. OPERATING INSTRUCTIONS

### 5.1. Sewing Operation

The SE600 offers a wide array of sewing stitches for various projects:

- **Stitch Selection:** Use the 3.2-inch LCD touchscreen to browse and select from 103 built-in sewing stitches. Adjust stitch length and width as needed.
- **Fabric Placement:** Place your fabric under the presser foot. Lower the presser foot lever.
- **Starting to Sew:** Press the start/stop button or use the foot controller to begin sewing.
- **Buttonholes:** Utilize the auto-size buttonhole feature with the dedicated buttonhole foot for perfectly sized buttonholes.



*Image: The Brother SE600 machine actively sewing on a piece of light-colored fabric, demonstrating its sewing capabilities.*

## 5.2. Embroidery Operation

Transform your projects with the machine's embroidery functions:

- **Hooping Fabric:** Securely hoop your fabric and stabilizer within the included 4" x 4" embroidery hoop.
- **Design Selection:** Select from 80 built-in embroidery designs or 6 lettering fonts using the touchscreen.
- **Design Preview:** Preview your chosen design in full color on the LCD screen before stitching to ensure desired placement and appearance.

- **Attaching Embroidery Unit:** Attach the embroidery arm and hoop to the machine.
- **Starting Embroidery:** Follow the on-screen prompts to begin the embroidery process.



*Image: A clear view of the 4"x4" embroidery field with a hoop attached, indicating the working area for embroidery projects.*



Image: Close-up of the 3.2-inch LCD touchscreen displaying a colorful embroidery design, highlighting the preview function.

## 6. MAINTENANCE

Regular cleaning and maintenance are crucial for the longevity and optimal performance of your Brother SE600 machine. Always unplug the machine from the power outlet before performing any maintenance.

- **Cleaning:** Use the included cleaning brush to remove lint and dust from the bobbin case area, feed dogs, and needle plate. Periodically wipe the machine's exterior with a soft, dry cloth.
- **Needle Replacement:** Replace the needle regularly, especially when working with different fabric types or if it becomes bent or dull.
- **Oiling:** Refer to the full user manual for specific instructions on lubrication points and frequency, if applicable for your model.
- **Storage:** When not in use, cover the machine with the provided dust cover to protect it from dust and debris.

## 7. TROUBLESHOOTING

If you encounter issues with your Brother SE600, consider the following common troubleshooting tips:

Problem	Possible Cause	Solution
Skipped Stitches	Incorrect needle, bent needle, improper threading, wrong tension.	Replace needle, re-thread machine, adjust tension.
Thread Breaking	Incorrect threading, poor quality thread, needle inserted incorrectly, tension too tight.	Check threading path, use good quality thread, re-insert needle, loosen tension.
Fabric Jamming	Incorrect presser foot, fabric too thick/thin, feed dogs not engaged.	Use appropriate presser foot, adjust presser foot pressure, ensure feed dogs are up.
Machine Not Powering On	Power cord not fully connected, outlet issue.	Check all power connections, try a different outlet.

For more detailed troubleshooting steps and error code explanations, please refer to the comprehensive user manual.

## 8. SPECIFICATIONS

Specification	Detail
Product Dimensions	15.51 x 21.18 x 16.54 inches (D x W x H)
Item Weight	26.2 pounds
Manufacturer	Brother International
Item Model Number	SE600
Embroidery Field	4" x 4"
Built-in Embroidery Designs	80
Built-in Sewing Stitches	103
LCD Touchscreen Size	3.2 inches (color)
Power Requirement	120 volts (US only)
Included Sewing Feet	7
UPC	012502649823

## 9. WARRANTY AND SUPPORT

**Warranty Information:** This product is intended for sale only in the US at 120 volts, and any other use or sale voids the warranty.

**Official User Manual:** For detailed instructions, advanced features, and comprehensive troubleshooting, please refer to the official PDF user manual:

[Download Full User Manual \(PDF\)](#)

**Customer Support:** If you require further assistance or have questions not covered in this manual, please contact Brother International customer support.

