

Bernette B38

Bernette B38 Computerized Sewing Machine Instruction Manual

Model: B38 | Brand: Bernette

1. INTRODUCTION

The Bernette B38 is a high-performance computerized sewing machine designed for precision, efficiency, and versatility. It features 394 built-in stitches, including decorative, stretch, and quilting options, offering advanced customization for all sewing projects. Key features such as an automatic thread cutter, needle threader, and LCD display enhance ease of use. Adjustable stitch width (7mm) and length (4mm) ensure complete control. This machine is suitable for quilting, embroidery, home décor, and heavy-duty projects, delivering professional-grade results. A seven-point feed dog system provides smooth fabric feeding, making it ideal for sewing through thick fabrics like denim and layered textiles. The strong motor allows for up to 820 stitches per minute, ensuring speed and accuracy. The Bernette B38 includes an extensive accessory kit, a Northern Lights thread bundle, and an extension table to enlarge the workspace. The LED-lit workspace improves visibility for intricate designs. A drop-in bobbin system and semi-automatic needle threader simplify setup, while the extension table provides additional space for large projects. With its durable, Swiss-engineered frame, this machine is suitable for both beginners and professionals, offering reliability, efficiency, and creative flexibility.

2. KEY FEATURES

- **Computerized Operation:** Offers precision with 394 built-in stitches, an LCD display, and an automatic thread cutter.
- **Versatile Stitching:** Includes decorative, stretch, and quilting stitches for creative freedom. Adjustable stitch width (7mm) and length (4mm) for precise results.
- **User-Friendly Design:** Features an automatic needle threader, bobbin winder, and LED lighting. Intuitive LCD display, easy controls, and a foot pedal for speed regulation.
- **Durable Construction:** Built with Swiss engineering, featuring a seven-point feed dog system for even fabric feeding on various materials like cotton, denim, and stretch fabrics.
- **Included Accessories:** Comes with a Northern Lights thread bundle and an extension table for larger projects.

- **Automatic Buttonhole Function:** Simplifies buttonhole creation.
- **High Speed:** Delivers up to 820 stitches per minute.

3. SETUP

3.1 Unpacking and Placement

Carefully remove the sewing machine from its packaging. Place the machine on a stable, flat surface with adequate lighting. Ensure there is enough space around the machine for comfortable operation.

3.2 Power Connection

Connect the power cord to the machine and then to a suitable electrical outlet. Ensure the machine is switched off before connecting to power.

3.3 Attaching the Extension Table

For larger projects, attach the included extension table to expand your workspace. Align the table with the machine's free arm and slide it into place until it clicks securely.



Image: Bernette B38 with the extension table attached.

3.4 Threading the Machine

Proper threading is crucial for optimal stitch quality. Follow the numbered guides on the machine for upper threading. For bobbin threading, use the drop-in bobbin system.



Image: Detailed view of the bobbin and needle threading area.

3.4.1 Winding the Bobbin

1. Place an empty bobbin onto the bobbin winder spindle.
2. Guide the thread from the spool through the tension disc for bobbin winding.
3. Wrap the thread around the bobbin a few times clockwise.
4. Push the bobbin winder spindle to the right.
5. Press the foot pedal or Start/Stop button to begin winding. The machine will stop automatically when the bobbin is full.
6. Cut the thread and push the spindle back to the left.

3.4.2 Inserting the Bobbin

1. Open the bobbin cover plate.
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 slot and under the metal plate.
4. Close the bobbin cover plate.

3.4.3 Upper Threading

1. Place the thread spool on the spool pin.
2. Guide the thread through the upper thread guides as indicated by the numbered path on the machine.
3. Ensure the thread is securely seated in the tension discs.
4. Bring the thread down and around the take-up lever, then down to the needle.
5. Use the semi-automatic needle threader to thread the needle eye.
6. Pull the upper thread under the presser foot.

4. OPERATING INSTRUCTIONS

4.1 Stitch Selection

The Bernette B38 offers 394 stitch patterns. Use the numeric keypad and arrow buttons on the LCD display to select your desired stitch. The LCD screen will show the selected stitch number, recommended presser foot, and default stitch length and width.



Image: LCD display for stitch selection and settings.

4.2 Adjusting Stitch Length and Width

After selecting a stitch, you can adjust its length and width using the dedicated +/- buttons next to the LCD display. The maximum stitch width is 7mm and length is 4mm.

4.3 Speed Control

The machine features an easy adjustable speed regulator, allowing you to control the sewing speed from slowest to fastest. This is particularly useful for beginners or when working on intricate details.

4.4 Needle Up/Down Position

Use the needle up/down button to precisely position the needle. This is helpful for pivoting fabric or ending a seam.

4.5 Automatic Thread Cutter

Press the automatic thread cutter button to trim both the upper and bobbin threads at the end of a seam, saving time and effort.

4.6 Reverse Sewing and Tie-Off Function

The reverse button allows you to sew backwards to reinforce seams. The tie-off function creates a knot in place, providing a secure finish without needing to manually reverse.

4.7 Buttonhole Creation

The Bernette B38 includes an automatic buttonhole function. Attach the appropriate buttonhole foot and follow the on-screen instructions for perfect buttonholes.

5. MAINTENANCE

5.1 Cleaning the Machine

Regular cleaning is essential for smooth operation. Use a soft brush to remove lint and dust from the bobbin area and feed dogs. Periodically remove the needle plate for thorough cleaning.

5.2 Needle Replacement

Replace the needle regularly, especially when sewing different fabric types or if the needle becomes dull or bent. Always use the correct needle type and size for your fabric.

5.3 Oiling

Refer to your full user manual for specific instructions on when and where to oil your machine. Use only recommended sewing machine oil.

6. TROUBLESHOOTING

- **Skipped Stitches:** Check if the needle is bent or dull, replace if necessary. Ensure the machine is correctly threaded and the correct needle type is used for the fabric.
- **Thread Breakage:** Verify that the machine is threaded correctly, including the bobbin. Check for proper tension settings and ensure the thread is not snagged.
- **Uneven Stitches:** Adjust tension settings for both upper and bobbin threads. Ensure the presser foot pressure is appropriate for the fabric thickness.
- **Machine Jamming:** Turn off the machine immediately. Remove the needle plate and clear any tangled

threads from the bobbin area and feed dogs.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	19 x 20 x 14 inches
Item Weight	31.4 pounds
Model Number	B38
Power Source	Corded Electric
Stitch Patterns	394
Max Stitch Speed	820 stitches per minute
Max Stitch Width	7mm
Max Stitch Length	4mm
Needle Threader	Semi-automatic
Bobbin System	Drop-in

8. WARRANTY AND SUPPORT

The Bernette B38 Computerized Sewing Machine typically comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms, conditions, and duration. For technical support, service, or parts, please contact your authorized Bernette dealer or visit the official Bernette website for customer service information.

Extended protection plans may also be available for purchase:

- **3-Year Protection Plan:** \$99.99
- **4-Year Protection Plan:** \$129.99