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Bernette B44

Bernette B44 Overlock Machine User Manual

Model: B44

INTRODUCTION

Welcome to the Bernette B44 Overlock Machine user manual. This guide provides essential information for setting up, operating, and maintaining your new overlock machine. The Bernette B44 is designed for both beginners and experienced users, offering 15 different stitch types and a sewing speed of up to 1300 stitches per minute. Its user-friendly features, such as color-coded threading paths and a bright LED light, ensure a smooth and efficient sewing experience.

1. SETUP

1.1 Unboxing and Initial Inspection

Carefully remove the Bernette B44 overlock machine from its packaging. Inspect all components for any signs of damage. Ensure all accessories listed in the packing list are present.

1.2 Machine Placement

Place the machine on a stable, flat surface. Ensure there is enough space around the machine for comfortable operation and fabric handling. The machine's suction cup feet provide stability during use.

1.3 Power Connection

Connect the foot controller to the machine and then plug the power cord into a suitable electrical outlet. Ensure the power switch is in the OFF position before connecting.

1.4 Thread Spool Setup

Place the thread spools onto the spool pins. Use the provided spool caps to secure the thread. Raise the telescopic thread guide to its highest position.



Image: The Bernette B44 overlock machine with four thread spools correctly placed on the thread stand.

1.5 Threading the Machine

The Bernette B44 features a color-coded threading system for easy setup. Follow the colored guides marked on the machine for each thread path. Use the included tweezers to assist with threading the loopers and needles.



Image: A close-up view of the Bernette B44's open front cover, showing the color-coded threading paths and the lower looper area.

2. OPERATING THE BERNETTE B44

2.1 Stitch Selection

The Bernette B44 offers 15 different stitch types, including 2, 3, and 4-thread overlock stitches, and rolled hem stitches. Refer to the stitch guide in the full manual for specific settings for each stitch type.

2.2 Adjusting Stitch Settings

Adjust the stitch length, cutting width, and differential feed using the dials on the side of the machine. The differential feed allows for precise control over fabric feeding, preventing stretching or puckering on various fabric types.

- **Stitch Length:** Adjustable for different fabric weights and desired stitch density.
- **Cutting Width:** Controls the width of the fabric cut by the knife, ensuring a clean edge.
- **Differential Feed:** Fully adjustable to handle elastic and heavy fabrics without distortion.

2.3 Sewing with the Overlock Machine

Place the fabric under the presser foot. Lower the presser foot and begin sewing by gently pressing the foot controller. Guide the fabric smoothly through the machine. The bright LED light illuminates the sewing area for better visibility.



Image: The Bernette B44 overlock machine actively sewing fabric, demonstrating the cutting and stitching process.

2.4 Integrated Waste Collector

The machine includes an integrated waste collector to keep your workspace tidy by catching fabric scraps from the cutting knife.

3. MAINTENANCE

3.1 Cleaning the Machine

Regularly clean the machine to ensure optimal performance. Use a soft brush to remove lint and dust from the looper area, feed dogs, and tension discs. Disconnect the machine from power before cleaning.

3.2 Needle Replacement

Replace needles regularly, especially when working with new projects or if stitches appear uneven. Use the correct type and size of needles for your fabric.

4. TROUBLESHOOTING

This section addresses common issues you might encounter with your Bernette B44 overlock machine.

Problem	Possible Cause	Solution
Skipped Stitches	Incorrect needle, bent needle, improper threading, incorrect tension.	Replace needle, re-thread machine, adjust tension settings.
Thread Breakage	High tension, poor quality thread, burrs on thread path, incorrect threading.	Reduce tension, use quality thread, check thread path for obstructions, re-thread.
Fabric Puckering/Stretching	Incorrect differential feed setting, incorrect tension.	Adjust differential feed, adjust tension.

5. SPECIFICATIONS

Key technical specifications for the Bernette B44 Overlock Machine:

- Stitch Types:** 15 (2, 3, and 4-thread overlock, rolled hem)
- Sewing Speed:** Up to 1300 stitches/minute
- Stitch Length:** Adjustable
- Cutting Width:** 3-7 mm
- Rolled Hem Width:** 1.5 mm
- Differential Feed:** Fully adjustable (0.6 - 2.0)
- Lighting:** Bright LED light
- Dimensions:** 25.4 x 33.02 x 29.21 cm
- Weight:** 9 kg
- Material:** Plastic (housing), Metal (internal frame)
- Power Source:** Corded Electric

6. WARRANTY AND SUPPORT

6.1 Warranty Information

The Bernette B44 Overlock Machine comes with a 2-year manufacturer's warranty. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the official Bernette website or contact customer service.

6.2 Customer Support

For technical assistance, spare parts, or service inquiries, please contact Bernette customer support or an authorized service center. Contact information can be found on the official Bernette website or in the documentation included with your machine.

