

[Manuals.plus](#) /

> [Necchi](#) /

> Necchi N183 Overlock Sewing Machine User Manual

Necchi N183

Necchi N183 Overlock Sewing Machine User Manual

Model: N183 | Brand: Necchi

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Necchi N183 Overlock Sewing Machine. Designed for both beginners and experienced users, the N183 offers advanced features for professional sewing results.

The Necchi N183 is distinguished by its fully opening design on both the right and left sides, simplifying the threading process, especially for the bottom crochet thread. This innovative system provides an unobstructed view, making threading significantly easier. The machine also features an adjustable differential feed and presser foot pressure, ensuring perfect fabric movement and stitch compensation even on challenging materials like chiffon or jersey. These adjustments allow for precise control, enabling the creation of professional seams, decorative wavy effects, and pleats without additional accessories.

PRODUCT FEATURES

- 3-4 thread overlock capability.
- Built-in rolled hem function.
- High seam speed of 1500 stitches per minute.
- Picot edge stitching for decorative finishes.
- Adjustable differential feed for pleating and wavy effects.
- Fully opening design for easy threading and maintenance.
- Adjustable presser foot pressure for various fabric types.

SETUP

Unpacking and Placement

Carefully remove the 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 and fabric handling.



Figure 1: Front view of the Necchi N183 Overlock Sewing Machine, showing the thread guides and tension dials.

Power Connection

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

Initial Threading

The Necchi N183 features an easy-access design for threading. Open the front and side covers to expose the threading paths. Follow the color-coded guides for each thread. Refer to the detailed threading diagram located on the machine itself or in the included quick-start guide.

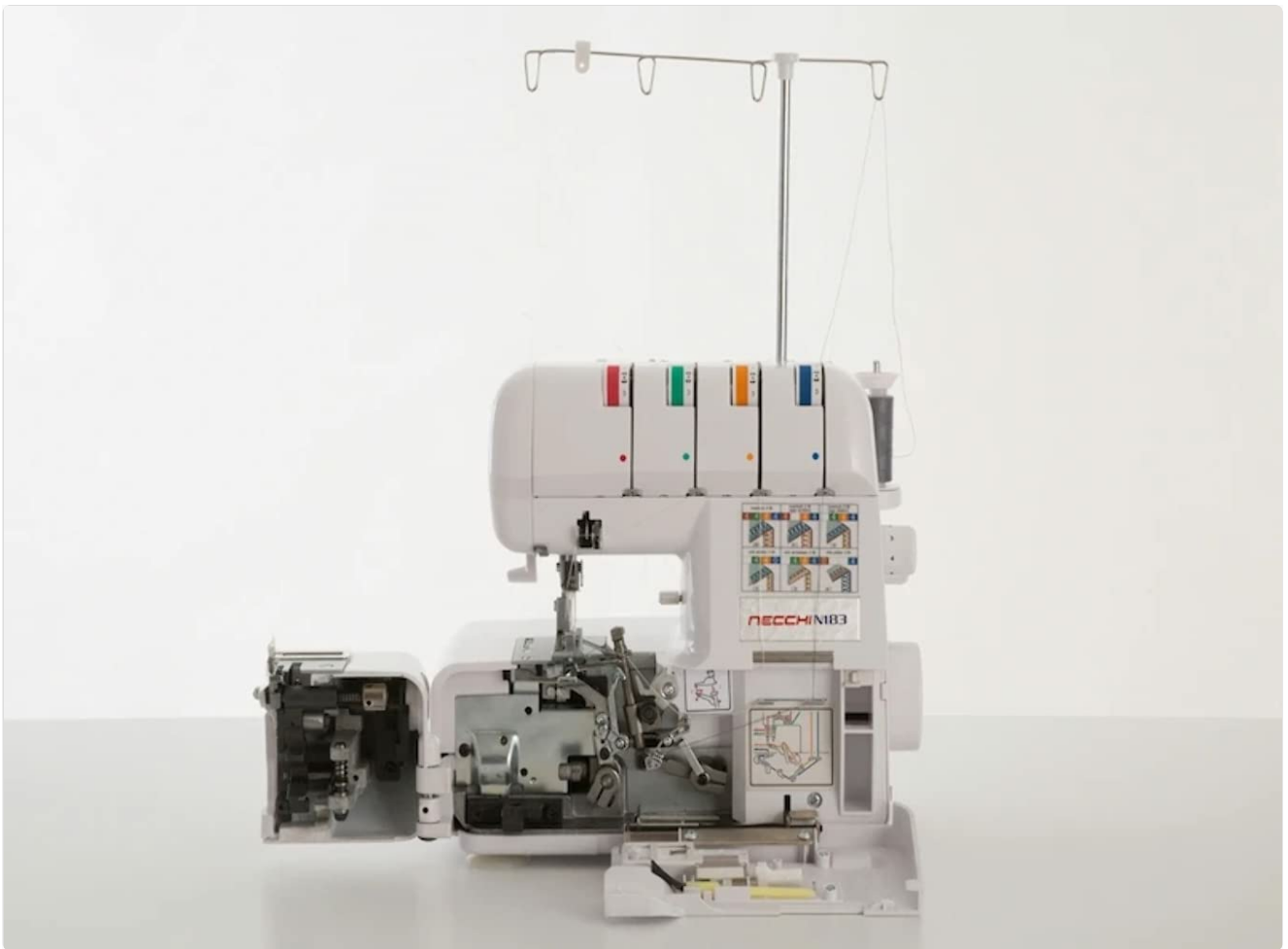


Figure 2: The Necchi N183 with its side covers open, revealing the internal mechanisms for simplified threading access.



Figure 3: Angled view of the Necchi N183, highlighting the thread spools and the general setup for operation.

OPERATING INSTRUCTIONS

Basic Stitching

After threading, ensure the presser foot is lowered and the fabric is positioned correctly under the needle. Gently press the foot pedal to begin sewing. Guide the fabric smoothly, allowing the machine to feed it. The N183 supports 3-thread and 4-thread overlock stitches.

Adjusting Differential Feed

The differential feed knob, typically located on the right side of the machine, allows you to adjust the feeding ratio of the front and rear feed dogs. This is crucial for preventing stretching on knit fabrics or puckering on fine fabrics. Increase the differential feed for gathering or creating wavy effects, and decrease it to stretch fabric slightly.

Adjusting Stitch Length and Width

Use the dedicated dials to adjust the stitch length and cutting width. Experiment with different settings on scrap fabric to achieve the desired stitch appearance for your project.



Figure 4: A close-up view demonstrating the precise operation of the Necchi N183, with a hand guiding fabric under the presser foot.

Rolled Hem and Picot Edge

To perform a rolled hem or picot edge, adjust the stitch finger and tension settings as per the instructions in the full manual. These specialized stitches are ideal for finishing lightweight fabrics.



Figure 5: The Necchi N183 Overlock Sewing Machine displayed alongside various finished sewing projects, showcasing its versatility.

MAINTENANCE

Cleaning

Regularly clean lint and thread scraps from the machine, especially around the loopers, feed dogs, and knife area. Use a small brush and tweezers. Disconnect the power before cleaning.

Oiling

Refer to the full instruction manual for specific oiling points and frequency. Use only high-quality sewing machine oil. Over-oiling can cause issues.

Needle Replacement

Replace needles frequently, especially when working with different fabric types or if you notice skipped stitches or fabric damage. Use only needles recommended for overlock machines.



Figure 6: Side view of the Necchi N183 Overlock Sewing Machine, illustrating its compact design and overall structure.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|------------------|---|--|
| Skipped Stitches | Incorrect needle, bent needle, improper threading, incorrect tension. | Replace needle, re-thread machine, adjust tension. |
| 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 | Too much differential feed, high tension, dull needle. | Adjust differential feed, reduce tension, replace needle. |
| Noisy Operation | Lack of lubrication, loose parts, lint buildup. | Oil machine, check for loose screws, clean thoroughly. |

For more detailed troubleshooting, please consult the comprehensive manual or contact customer support.

SPECIFICATIONS

Brand: Necchi

Model Number: N183

Colour: White

Product Dimensions: 32 x 25.5 x 32 cm

Item Weight: 9 kg

Stitch Speed: Up to 1500 stitches/minute

Thread Capacity: 3-4 threads

Differential Feed: Adjustable

Presser Foot Pressure: Adjustable

Special Features: Rolled Hem, Picot Edge, Pleating

EU Spare Part Availability Duration: 10 Years

WARRANTY AND SUPPORT

The Necchi N183 Overlock Sewing Machine comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical support, spare parts, or service inquiries, please contact your authorized Necchi dealer or visit the official Necchi website.

EU Spare Part Availability Duration: 10 Years from the date of first availability (April 7, 2018).

© 2024 Necchi. All rights reserved.

For the most up-to-date information, please visit www.necchi.it