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› Poolin EOC990 Mechanical Sewing Machine Instruction Manual

Poolin EOC990

Poolin EOC990 Mechanical Sewing Machine Instruction Manual

Model: EOC990 | Brand: Poolin

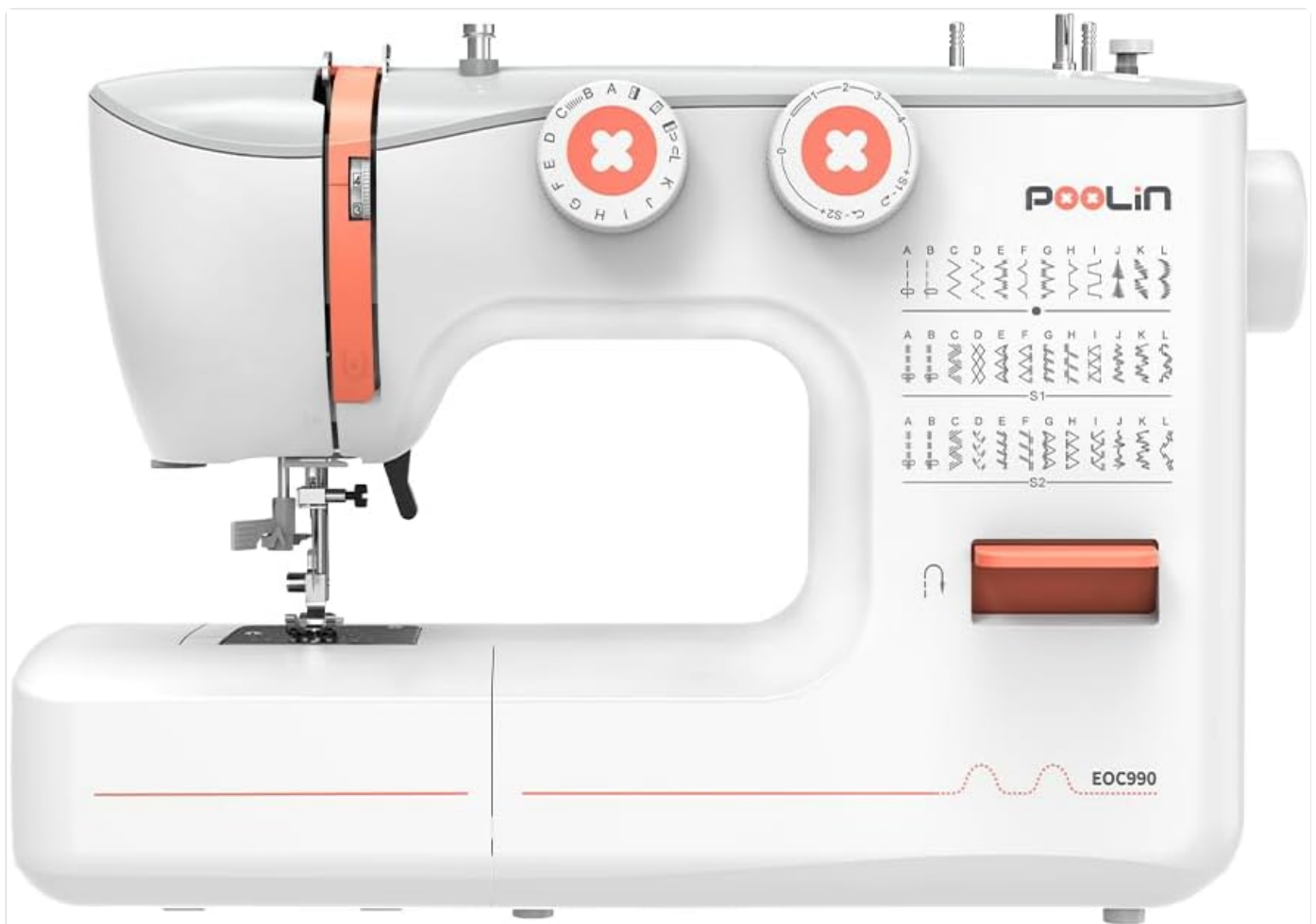


Image: The Poolin EOC990 Mechanical Sewing Machine, a white and orange sewing machine with various dials and stitch patterns visible on its front panel.

INTRODUCTION

This instruction manual provides comprehensive guidance for the safe and effective use of your Poolin EOC990 Mechanical Sewing Machine. Please read this manual thoroughly before operating the machine to ensure proper setup, operation, and maintenance. Retain this manual for future reference.

The Poolin EOC990 is designed for a wide range of sewing applications, featuring 108 stitch applications, a durable all-metal frame, and user-friendly mechanical controls. It is suitable for both beginners and experienced sewing enthusiasts.

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Video: An overview of the Poolin EOC990 sewing machine, highlighting its features and suitability for beginners.

IMPORTANT SAFETY INSTRUCTIONS

- Always unplug the sewing machine from the electrical outlet when removing covers, lubricating, or when making any adjustments mentioned in the instruction manual.
- Do not allow children to play with the machine. Close supervision is necessary when the machine is used by or near children.
- Use this appliance only for its intended use as described in this manual. Use only attachments recommended by the manufacturer.
- Never operate this sewing machine if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water.
- Keep fingers away from all moving parts. Special care is required around the sewing machine needle.
- Always use the proper needle plate. The wrong plate can cause the needle to break.
- Do not pull or push fabric while stitching. This may deflect the needle causing it to break.
- Turn the sewing machine off when making any adjustments in the needle area, such as threading the needle, changing the needle, threading the bobbin, or changing the presser foot.

PACKAGE CONTENTS

Upon unpacking, verify that all items listed below are present and in good condition:

- Poolin EOC990 Mechanical Sewing Machine
- Standard Presser Foot (pre-installed)
- Rolled Hem Foot
- Zipper Foot
- Blind Stitch Presser Foot
- Buttonhole Foot
- Button Foot

- Elastic Embroidery Foot
- Guide Foot
- Needle Set
- Bobbins
- Foot Pedal
- Power Cord
- Instruction Manual (this document)
- Quick Start Guide

SETUP

1. Unpacking and Placement

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

2. Power Connection

Connect the foot pedal to the machine and then plug the power cord into a suitable electrical outlet. Ensure the machine's power switch is in the OFF position before plugging it in.

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Video: Demonstrates the initial settings and power connection for the Poolin EOC990 sewing machine.

3. Bobbin Winding

Before you begin sewing, the bobbin needs to be wound with thread. Follow these steps:

1. Place a spool of thread on the spool pin.
2. Guide the thread through the upper thread guide.
3. Wrap the thread around the bobbin winding tension disc.
4. Place an empty bobbin onto the bobbin winder spindle.
5. Wind the thread a few times manually around the bobbin.
6. Push the bobbin winder spindle to the right.
7. Press the foot pedal to start winding. Stop when the bobbin is full.
8. Cut the thread and remove the bobbin.

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Video: A step-by-step guide on how to wind the bobbin on the Poolin EOC990 sewing machine.

4. Threading the Machine (Upper Thread)

Correct threading is crucial for proper stitch formation. Follow the numbered guides on the machine and these steps:

1. Raise the presser foot lifter.
2. Place a spool of thread on the spool pin.
3. Guide the thread through the upper thread guide.

4. Bring the thread down through the tension discs.
5. Pull the thread up through the take-up lever.
6. Bring the thread down to the needle area.
7. Use the automatic needle threader or manually thread the needle from front to back.



Automatic needle threader



Image: A close-up view of the automatic needle threader mechanism on the Poolin EOC990, showing thread being guided through the needle eye.

5. Inserting the Bobbin (Lower Thread)

Once the bobbin is wound, insert it into the bobbin case according to the machine's markings. Ensure the thread unwinds in the correct direction.

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Video: Instructions on how to properly replace the bobbin in the Poolin EOC990 sewing machine.

6. Needle Installation and Replacement

To replace the needle, turn off the machine and loosen the needle clamp screw. Insert the new needle with the flat side facing the back, pushing it up as far as it will go, then tighten the screw.

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Video: A demonstration of how to safely replace the needle on the Poolin EOC990 sewing machine.

OPERATING INSTRUCTIONS

1. Stitch Selection

The Poolin EOC990 offers 108 stitch applications, including 36 built-in stitches. Use the stitch selector dial to choose your desired stitch pattern. Refer to the stitch chart on the machine for visual guidance.

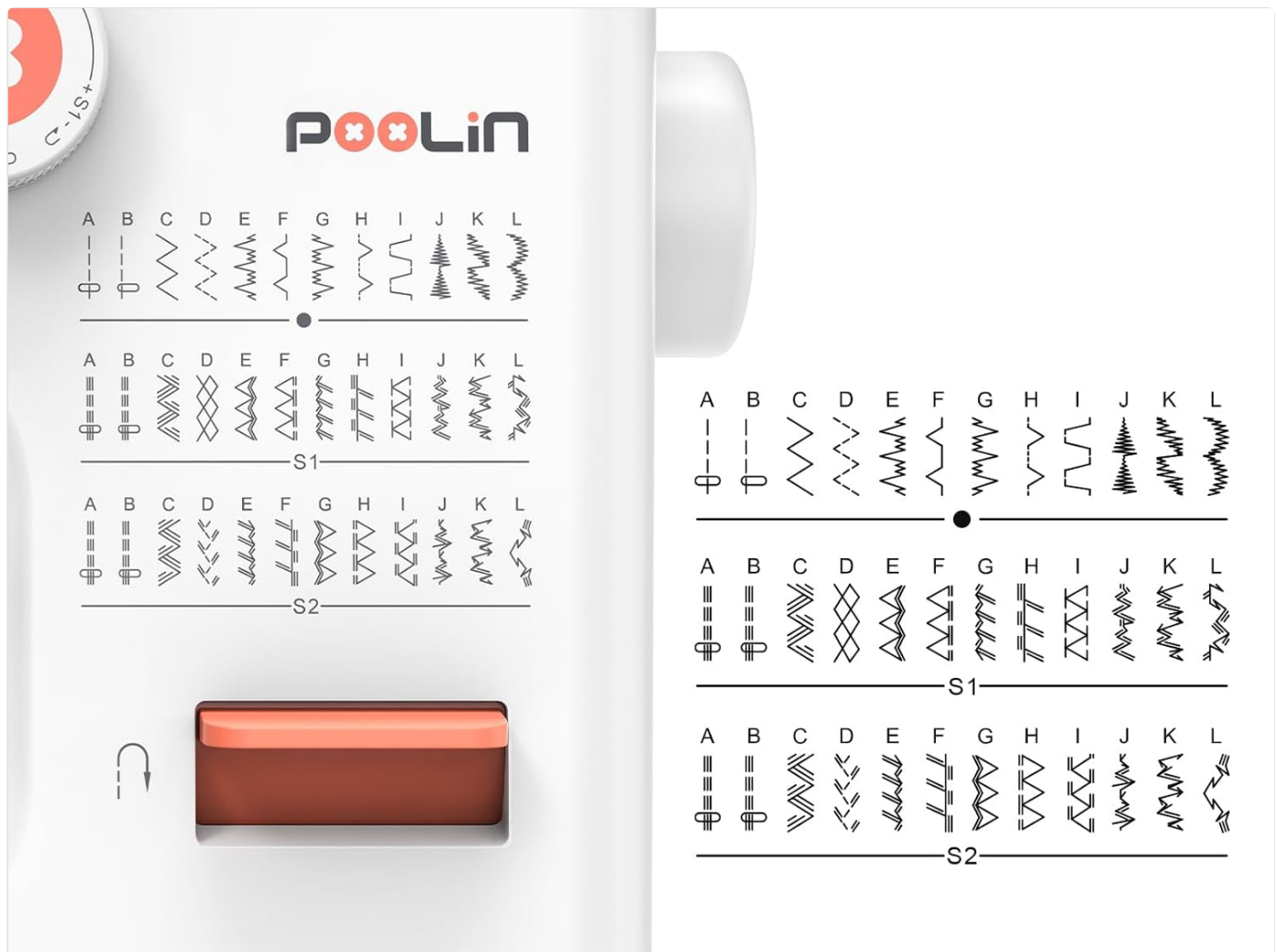


Image: A detailed view of the stitch selection panel on the Poolin EOC990, displaying 36 built-in stitch patterns.

2. Adjusting Stitch Length and Width

Adjust the stitch length and width using the dedicated dials to suit your fabric and project requirements. Longer stitches are generally for thicker fabrics or basting, while shorter stitches are for finer details or reinforcement.



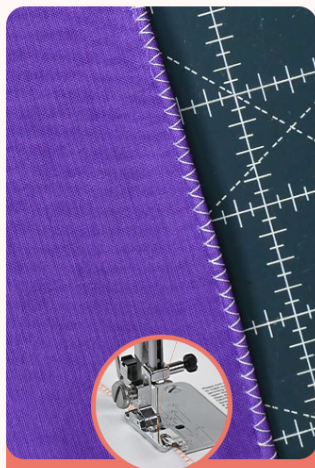
Adjustment stitch length

Image: A hand adjusting the stitch length dial on the Poolin EOC990, indicating the control for stitch customization.

3. Using Presser Feet

The machine comes with eight different presser feet, each designed for specific sewing tasks. To change a presser foot, raise the presser foot lifter, press the release button (if applicable), remove the current foot, and snap the new one into place.

- **Rolled Hem Foot:** For creating narrow, rolled hems.
- **Zipper Foot:** For sewing close to zipper teeth or cording.
- **Blind Stitch Presser Foot:** For invisible hems.
- **Buttonhole Foot:** For creating buttonholes.
- **Button Foot:** For attaching buttons.
- **Elastic Embroidery Foot:** For decorative stitching with elastic.
- **Guide Foot:** For precise topstitching or edge stitching.



Rolled Hem Foot



Blind Stitch Foot



Buttonhole Foot



Button Foot

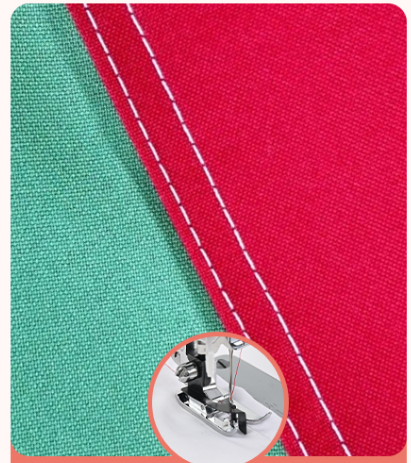
Image: A collage showing four different presser feet: Rolled Hem Foot, Blind Stitch Foot, Buttonhole Foot, and Button Foot, demonstrating their specific uses.



Zipper Foot



Elastic Embroidery foot



Guide Foot

Image: A collage showing three more presser feet: Zipper Foot, Elastic Embroidery Foot, and Guide Foot, illustrating their applications.

4. Sewing Basics

Place your fabric under the presser foot, lower the presser foot, and gently press the foot pedal to start sewing. To reverse stitch, engage the reverse lever/button. Guide the fabric gently, do not pull or push forcefully.

5. Double Needle Use

The Poolin EOC990 supports double needle sewing for decorative stitches or twin seams. When using a double needle, thread the left needle first, then the right needle, ensuring both threads pass through the same tension discs and take-up lever.



Double needle Dropping the feed dogs

Image: A close-up of the needle area showing a double needle installed and the feed dogs in a lowered position, indicating preparation for certain sewing techniques.



Double needle

Image: An example of fabric with colorful double needle stitching, showcasing the machine's capability for parallel lines of stitches.

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Video: Detailed instructions on how to thread the double needle on the Poolin EOC990.

MAINTENANCE

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

1. Cleaning

Periodically clean the lint and dust from the bobbin case area and feed dogs using a small brush. Remove the needle plate and bobbin case for thorough cleaning. Do not use compressed air, as it can push lint further into the machine.

2. Lubrication

Consult the full user manual (PDF) for specific lubrication points and frequency. Generally, a few drops of high-quality sewing machine oil are applied to moving metal parts as indicated by the manufacturer.

3. Storage

When not in use, cover the machine to protect it from dust. Store it in a dry, stable environment away from direct sunlight or extreme temperatures.

TROUBLESHOOTING

This section addresses common issues you might encounter. For more complex problems, refer to the full user manual or contact customer support.

Problem	Possible Cause	Solution
Needle breaks frequently	Incorrect needle size for fabric, bent needle, pulling fabric forcefully, incorrect threading, needle inserted incorrectly.	Use correct needle, replace bent needle, guide fabric gently, re-thread machine, re-insert needle correctly.
Thread bunches or tangles (nesting)	Incorrect upper thread tension, improper threading, bobbin inserted incorrectly, lint in bobbin area.	Adjust tension, re-thread machine completely, re-insert bobbin, clean bobbin case.
Skipped stitches	Incorrect needle, bent needle, improper threading, needle inserted incorrectly.	Change needle to correct type/size, replace bent needle, re-thread machine, re-insert needle correctly.
Machine not feeding fabric	Feed dogs lowered, lint accumulation under needle plate, presser foot not lowered.	Raise feed dogs, clean feed dog area, lower presser foot.

SPECIFICATIONS

- **Model:** EOC990
- **Brand:** Poolin
- **Type:** Mechanical Sewing Machine
- **Stitch Applications:** 108
- **Built-in Stitches:** 36
- **Dimensions (D x W x H):** 6.69" x 16.54" x 11.81"
- **Item Weight:** 12.76 pounds
- **Frame:** All-metal
- **Included Presser Feet:** 8 (Rolled Hem, Zipper, Blind Stitch, Buttonhole, Button, Elastic Embroidery, Guide,

Standard)



Image: A diagram illustrating the dimensions of the Poolin EOC990 sewing machine, showing its length, width, and height.

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the documentation included with your purchase or contact Poolin customer service. Poolin provides various resources to assist users:

- **User Group:** Join the "Poolin Sewing Users Group" on social media for tips, tricks, and community support.
- **Video Tutorials:** Access a variety of helpful video tutorials by searching "POOLIN Sewing Machine" on video platforms.
- **PDF Manuals:** Download the full User Guide and Instruction Manual in PDF format for detailed information.



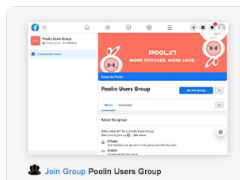
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Question

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.

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