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Poolin EOV-15

Poolin EOV-15 Multi-Needle Embroidery Machine Instruction Manual

Model: EOV-15

1. PRODUCT OVERVIEW

The Poolin EOV-15 is a compact, multi-needle embroidery machine designed for small businesses and home shops, capable of both cap and flat embroidery. It features 15 needles for efficient production and a large embroidery area of 14.2" × 9.5".

- **15-Needle Power:** Enables efficient multi-color designs with minimal intervention.
- **Large Embroidery Area:** 14.2" × 9.5" for diverse projects.
- **Versatile Embroidery:** Delivers quality results on hats, caps, sweatshirts, jackets, and custom apparel.
- **Durable Construction:** Built for daily orders and long production sessions with a reinforced frame and balanced motion path to minimize vibration.
- **InStitch Integrated Workflow:** Supports digitizing, wireless pattern transfer, and cost estimation.

2. SAFETY INFORMATION

Always ensure the machine is powered off and unplugged before performing any maintenance or adjustments. Keep hands clear of moving parts during operation. Refer to the full safety guidelines in the printed manual for comprehensive instructions.

3. PACKAGE CONTENTS

The Poolin EOV-15 embroidery machine comes with various accessories to get you started, including multiple hoops, a toolbox with maintenance tools, and sample stabilizers.

EOV Machine Dimensions



Machine weight Gross weight
145Kgkg/320lbs 190kg/420lbs



Image: The Poolin EOV-15 machine with its various components and included accessories, such as different sized hoops, a toolbox, and thread.

4. SETUP

4.1 Unboxing and Installation

The Poolin EOV-15 machine is heavy (316 pounds) and requires at least two people for safe setup. Carefully remove the machine from its packaging. Keep the wooden pallet and all packaging for a few days in case of return or exchange.

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Video: Unboxing the Poolin EOV 15 Needle Commercial Machine. This video demonstrates the careful process of unboxing the machine and preparing it for installation.

Place the machine onto its designated stand in your workspace. Ensure all components are securely attached.

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Video: How to Install the Poolin EOV Multi-Needle Machine. This video provides step-by-step instructions for installing the

machine components.

4.2 Threading the Machine

Follow the clear instructions provided on the machine's screen, in the manual, and the quick start guide for threading. The machine will guide you through each step.

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Video: How to thread and change needles. This video demonstrates the correct procedure for threading the machine and changing needles.

4.3 Bobbin Installation

The manual and quick start guide provide clear instructions for inserting the bobbin. Ensure it is correctly placed for optimal stitching.

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Video: POOLIN EOVBobbin Installation Step-by-Step. This video guides you through the process of installing the bobbin correctly.

4.4 Hooping Fabric

The machine comes with various hoop sizes. Ensure the fabric is hooped tightly and securely. The hoops include screw clamps and clips for a firm hold.

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Video: How to Install the Embroidery Hoop on Poolin EOM & EOVB. This video demonstrates the proper technique for installing embroidery hoops.

5. OPERATING INSTRUCTIONS

5.1 Control Panel and Design Selection

The machine features a user-friendly touchscreen control panel. Navigate through specific screens to select designs, adjust settings, and prepare for embroidery. The system alerts you if a step is missed, such as lowering the presser foot.

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Video: 3 Steps to Start Embroidery | Easy Control Panel Setup. This video guides you through the initial steps of setting up and starting an embroidery project using the control panel.

5.2 Design Import and Customization

Import designs via USB or utilize the InStitch software for wireless pattern transfer. The machine supports .DST format. You can also use built-in fonts and designs directly from the machine's interface.

Engineered for Long-Hour Stability

- Smooth, balanced motion stays controlled.
- Stitches remain clean and aligned.
- Built for reliable daily operation.



Image: The InStitch software interface showing options for pattern import, editing, and cost calculation.

5.3 Adjusting Thread Tension

Proper thread tension is crucial for quality stitches. If the bobbin thread shows on the front, the top tension is too loose. Adjust the tension settings incrementally until the bobbin thread is not visible on the front and only slightly visible on the back (approximately 30-33% showing).

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your embroidery machine. This includes cleaning and checking for wear and tear on parts.

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Video: How to Maintain Your Poolin EOM Embroidery Machine. This video provides essential maintenance tips to keep your machine in top condition.

7. TROUBLESHOOTING

If you encounter issues with stitch quality, particularly with bobbin thread showing, adjust the top thread tension. The machine's user-friendly interface will often provide alerts for common errors, such as forgetting to lower the presser foot.

8. SPECIFICATIONS

- **Product Dimensions:** 24 x 36 x 48 inches
- **Item Weight:** 316 pounds
- **Item Model Number:** EOY-15
- **Brand:** Poolin
- **Material:** Alloy Steel, Plastic

- **Power Source:** Electric
- **Manufacture Year:** 2025

9. WARRANTY

For information regarding product warranty and protection plans, please refer to the documentation included with your purchase or contact Poolin customer support.

10. SUPPORT

Poolin offers various support resources to assist you with your embroidery machine:

- **Online User Group:** Search "Poolin Official User Group" on Facebook to connect with other users and receive free one-to-one after-sales service from engineers.
- **YouTube Channel:** Visit the official "Poolin" YouTube channel for teaching videos and real usage feedback.

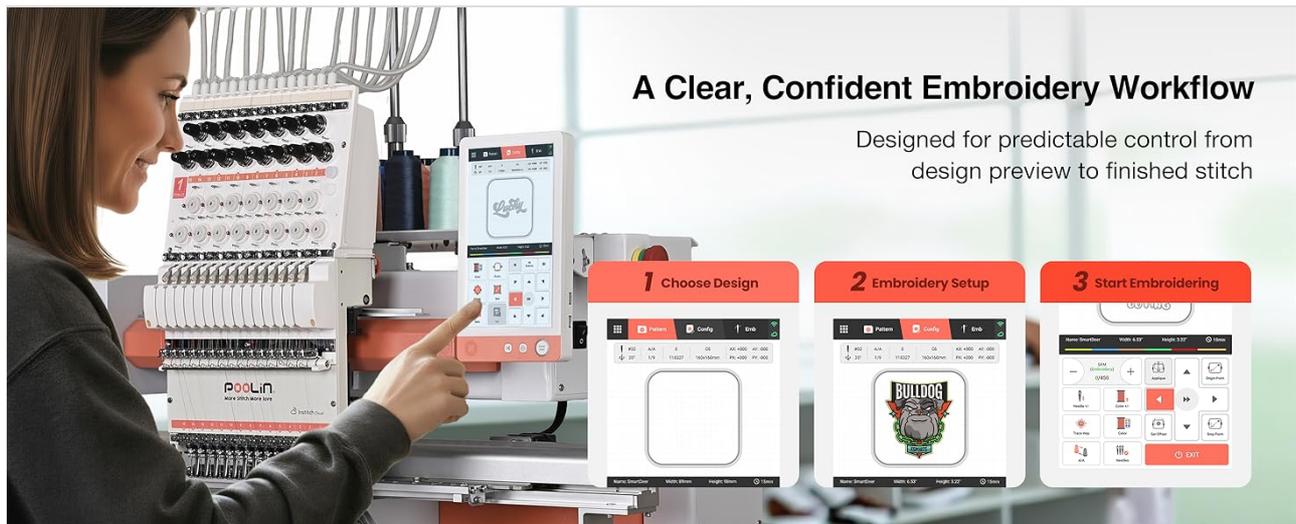


Image: Poolin provides local technical support, including 7x24h online engineers and U.S.-based engineers with contact information.