

FEIYUE FYe310

FEIYUE FYe310 Sewing Machine Instruction Manual

Model: FYe310 | Brand: FEIYUE

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your FEIYUE FYe310 Full Size Sewing Machine. Please read all instructions carefully before use to ensure optimal performance and longevity of your machine.

SAFETY INSTRUCTIONS

- Always unplug the machine from the electrical outlet when removing covers, lubricating, or when making any other user servicing adjustments mentioned in the instruction manual.
- Keep fingers away from all moving parts. Special care is required around the sewing machine needle.
- Use the proper needle plate. The wrong plate can cause the needle to break.
- Do not use bent needles.
- Do not pull or push fabric while stitching. This may deflect the needle causing it to break.
- Always turn off the sewing machine when making any adjustments in the needle area, such as threading the needle, changing the needle, threading the bobbin, or changing the presser foot.
- Never operate the sewing machine with any air openings blocked. Keep ventilation openings of the sewing machine and foot controller free from the accumulation of lint, dust, and loose cloth.

PRODUCT OVERVIEW

The FEIYUE FYe310 is a full-size, heavy-duty, and portable sewing machine designed for various sewing projects. It features a powerful servo motor, 25 built-in stitches, and an automatic needle threader for enhanced user convenience.

Key Features:

- **Powerful Servo Motor with Intelligent Protection:** Improves efficiency by 10% and saves up to 35% on energy. Features a jam/overload detection system to protect the motor and prevent needle damage.
- **25 Built-in Stitches:** Includes basic, decorative, and stretch stitches for diverse projects.

- **Automatic Needle Threader:** Simplifies needle threading, saving time and reducing eye strain.
- **Heavy-Duty Construction:** Integrated metal frame and high-torque motor handle thick fabrics like denim and canvas.
- **Included Accessories:** Comes with 6 bobbins, 3 needles, 5 sewing feet, and a foot pedal.

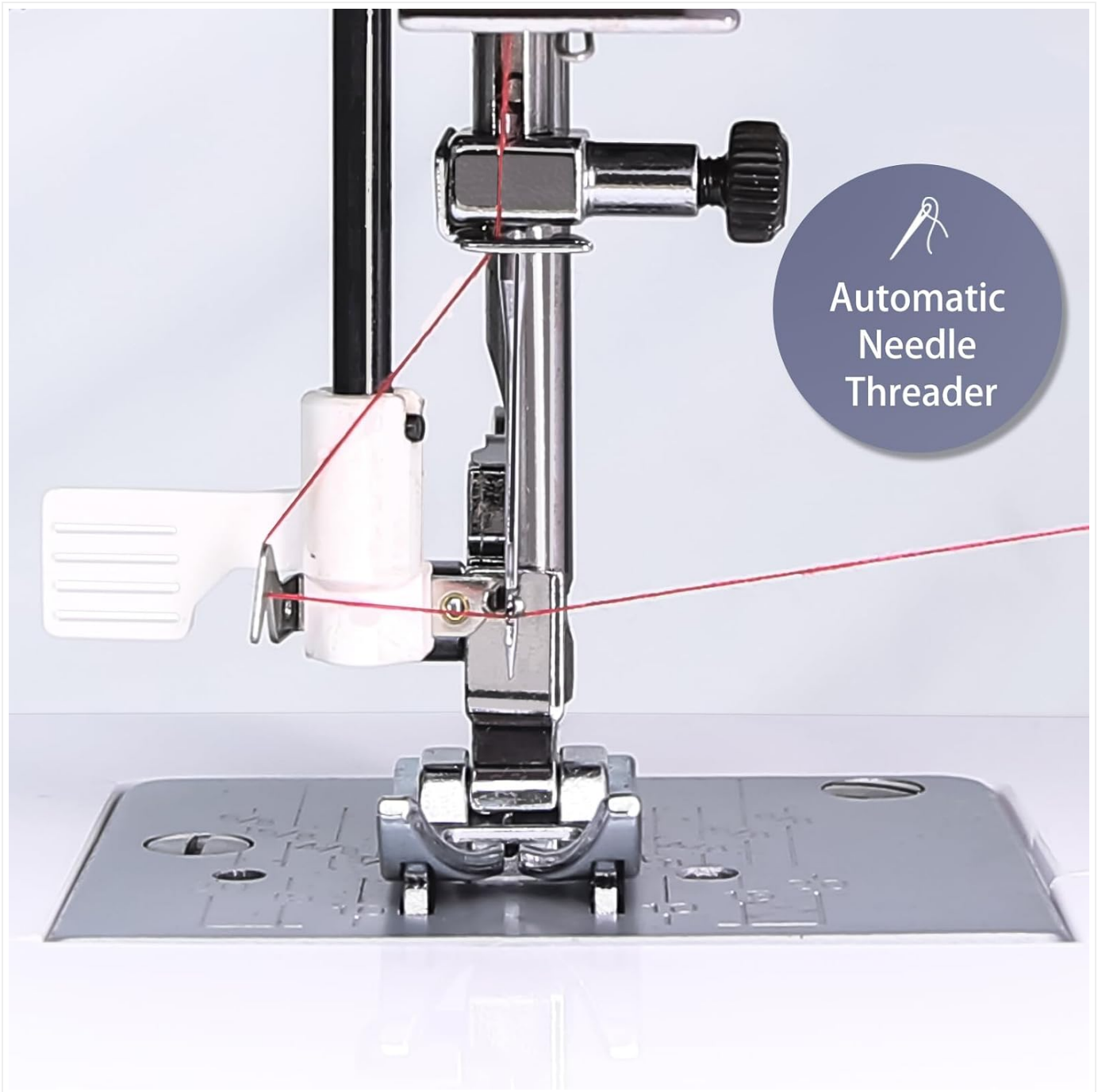


Figure 1: Front view of the FEIYUE FYe310 Sewing Machine.

SETUP

1. Unpacking and Initial Placement

Carefully remove the sewing machine from its packaging. Place it on a stable, flat surface with adequate lighting. Ensure the power cord is accessible for connection.



Figure 2: FEIYUE FYe310 Sewing Machine with included accessories.

2. Power Connection

Connect the foot pedal to the machine and then plug the machine into a suitable electrical outlet. Use the on/off switch located on the side of the machine to power it on.

3. Threading the Machine

Proper threading is crucial for smooth operation. Follow the numbered guides on the machine for upper thread and bobbin winding.

3.1. Upper Threading

Place the spool of thread on the spool pin. Guide the thread through the thread guides and tension module as indicated by the diagrams on the machine. Ensure the presser foot is raised when threading through the tension disks.

3.2. Automatic Needle Threader

The automatic needle threader simplifies the process of threading the needle. Follow the steps in the video below for a visual guide.



Video 1: How to Use the Automatic Needle Threader on FEIYUE FYe310. This video demonstrates the step-by-step process of using the automatic needle threader for quick and easy setup.



Figure 3: Close-up of the automatic needle threader mechanism.

3.3. Bobbin Winding and Insertion

Wind the bobbin according to the machine's instructions, then insert it into the bobbin case. Ensure the thread is correctly routed through the tension spring.

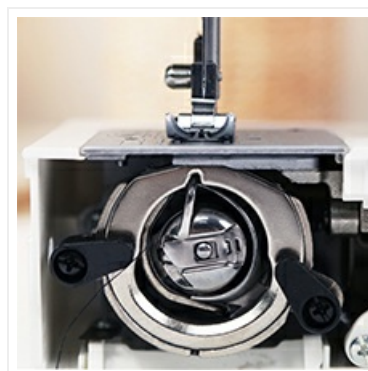


Figure 4: View of the bobbin area for insertion.

4. Changing the Needle and Presser Foot

To change the needle or presser foot, ensure the machine is turned off. Loosen the screw holding the component, replace it, and tighten the screw. Refer to the video for detailed instructions.

Video 2: How to Change the Needle and Presser Foot on FEIYUE FYe310. This video guides you through safely replacing the needle and presser foot.

OPERATING INSTRUCTIONS

1. Selecting Stitches

The FYe310 offers 25 built-in stitches. Use the stitch selector dial to choose the desired stitch pattern. The machine includes basic, decorative, and stretch stitches.



Figure 5: Stitch selection dial, adjustable presser foot height, threading guides, and 4-step buttonhole presser foot.

2. Adjusting Stitch Length and Width

Adjust the stitch length and width using the dedicated dials to suit your fabric and project requirements. Refer to the video for guidance on sewing different stitch lengths.



Video 3: How to Sew Different Stitch Lengths on FEIYUE FYe310. This video demonstrates how to adjust stitch length for various sewing needs.

3. Using the Foot Pedal

The foot pedal controls the sewing speed. Press gently for slower speeds and apply more pressure for faster sewing. Always maintain control over the fabric.

4. Backstitch Function

Use the backstitch lever to reinforce seams at the beginning and end of your stitching. This prevents stitches from unraveling. Watch the video for a demonstration.



Video 4: How to Use the Backstitch Function on FEIYUE FYe310. This video illustrates the proper use of the backstitch function for securing seams.

5. Sewing Thick Fabrics

The integrated metal frame and high-torque servo motor allow the FYe310 to handle thick fabrics like denim and canvas with ease. Adjust the presser foot height and needle type as needed for optimal results.

Video 6: How to Oil the Sewing Machine Needle Bar on FEIYUE FYe310. This video demonstrates the proper technique for oiling the needle bar.

TROUBLESHOOTING

1. Thread Jam Fault

If the machine detects a thread jam or overload, the light will flash and the handwheel may lock. Turn off the machine, clear any tangled threads from the bobbin area and needle plate, and re-thread the machine. The video below provides a detailed guide.



Video 7: How to Deal with Thread Jam Fault. This video provides instructions on how to resolve common thread jam issues.

2. General Troubleshooting

- **Skipped Stitches:** Ensure the needle is inserted correctly and is not bent. Use the appropriate needle for your fabric type.
- **Thread Breaking:** Check for proper threading, correct tension settings, and ensure the thread is not old or damaged.
- **Uneven Stitches:** Verify that the bobbin is wound evenly and inserted correctly. Adjust upper thread tension if necessary.

SPECIFICATIONS

Feature	Detail
Product Dimensions	6.3 x 14.37 x 10.63 inches
Item Weight	13.56 pounds
Model Number	FYe310
Power Source	Corded Electric
Material	Plastic Metal
Built-in Stitches	25
Motor Type	Servo Motor

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official FEIYUE website. Keep your purchase receipt as proof of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question

Answered questions about this manual

How do I repair a needle stuck in the bobbin area of the FEIYUE FYe310 sewing machine?

If the needle is stuck in the bobbin area of your FEIYUE FYe310, it is likely due to a thread jam or a deflected needle. Follow these steps to resolve the issue safely:Power Off:...

[Read full answer](#)