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› FEIYUE FYe310 Sewing Machine Instruction Manual

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Model: FYe310

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, maintenance, and troubleshooting of your FEIYUE FYe310 Sewing Machine. Please read all instructions carefully before using the machine to ensure proper function and longevity.

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.
- Wear safety glasses.
- Turn off the sewing machine power switch when the screen shows a fault.

PRODUCT OVERVIEW

The FEIYUE FYe310 is a mechanical sewing machine designed for both beginners and experienced sewers. It features a powerful servo motor, 105 stitch applications, and an automatic needle threader for enhanced convenience.



Figure 1: FEIYUE FYe310 Sewing Machine highlighting the powerful servo motor for efficient and stabilized stitching.



Figure 2: The FEIYUE FYE310 Sewing Machine shown with its comprehensive accessory kit, including bobbins, needles, sewing feet, and instructional materials.

SETUP

1. Unpacking

Carefully remove the sewing machine and all accessories from the packaging. Retain the packaging for future storage or transport.

2. Power Connection

Connect the foot pedal and power cord to the machine, then plug the power cord into a suitable electrical outlet.

3. Spool Pin and Thread Placement

Place a spool of thread onto the spool pin. Ensure the thread unwinds smoothly.

4. Bobbin Winding

Follow the numbered guides on the machine to correctly wind the bobbin. Ensure the thread is taut for even winding.

Your browser does not support the video tag.

Video 1: This video demonstrates the process of winding the bobbin on a sewing machine, ensuring proper tension and fill for smooth operation.

5. Threading the Upper Thread

Raise the presser foot and turn the handwheel to raise the take-up lever to its highest point. Guide the thread through the tension module and take-up lever as indicated by the machine's threading path. Ensure the thread is firmly seated in all guides.

Your browser does not support the video tag.

Video 2: This video illustrates the correct procedure for threading the automatic needle threader on a FEIYUE sewing machine, simplifying the threading process.

6. Inserting the Bobbin

Open the bobbin cover plate and insert the wound bobbin. Follow the threading path for the bobbin thread, ensuring it is correctly tensioned. Close the cover plate.

OPERATING

1. Stitch Selection (Pattern and Length)

Use the pattern selector dial to choose your desired stitch (e.g., straight stitch, zigzag, decorative stitches). Adjust the stitch length dial to set the appropriate length for your fabric and project. The machine offers 105 stitch applications, including buttonhole, decorative, and stretch stitches.



**Adjustable Built-in Stitches
and Stitch Length**



**Adjustable Presser Foot Height
for Different Fabric Materials**



**Guides for Quick
Threading**



**Comes with a 4-step
Buttonhole Presser Foot**

Figure 3: This image displays the stitch selection dials and other features of the FEIYUE FYe310, including adjustable stitch length, presser foot height, threading guides, and the 4-step buttonhole presser foot.

Your browser does not support the video tag.

Video 3: This video demonstrates how to sew different stitch lengths on the FEIYUE FYe310, showing the effect of various settings on the stitch appearance.

2. Automatic Needle Threader

To use the automatic needle threader, ensure the needle is in its highest position. Lower the presser foot. Pull down the threader lever while holding the end of the thread, rotate the lever to the rear of the machine, and release the lever. The thread will be pulled through the needle eye. Release the lever and pull the thread away from you.

3. Reverse Stitching

Press and hold the reverse stitch lever to sew in reverse. This is useful for securing the beginning and end of seams.

4. Adjusting Thread Tension

The thread tension can be adjusted using the tension dial. Most sewing projects will use a tension setting between '3' and

'5'. Adjust as needed to achieve balanced stitches.

5. Adjusting Presser Foot Height

The presser foot height can be adjusted to accommodate different fabric thicknesses. Raise the presser foot for thicker materials like denim, as shown in Figure 4.



Figure 4: Close-up of the presser foot demonstrating the machine's capability to sew through thick denim, indicating adjustable presser foot height for various fabric types.

6. Feed Dog Position

The feed dog position can be adjusted for specialized sewing techniques such as free-motion quilting or darning. Refer to the manual for specific instructions on adjusting the feed dog.

MAINTENANCE

1. Cleaning the Bobbin Area

Regularly clean the bobbin case and feed dog area to remove lint and thread buildup. Use the provided cleaning brush. Turn off the machine before cleaning.

2. Needle Replacement

Replace the needle regularly, especially if it becomes bent or dull. Always use the correct needle type and size for your fabric to prevent breakage and ensure optimal stitch quality.

TROUBLESHOOTING

1. Thread Jam Fault

If the machine stops and indicates a thread jam fault, immediately turn off the machine. Open the bobbin cover plate and carefully remove any tangled threads from the bobbin case and surrounding area. Ensure the bobbin is correctly inserted and threaded before resuming operation.

Your browser does not support the video tag.

Video 4: This video provides instructions on how to deal with a thread jam fault on a FEIYUE sewing machine, including steps to clear the jam and re-thread the bobbin.

2. Stitch Quality Issues

If stitches are uneven or loose, check the upper thread tension and bobbin threading. Ensure the needle is inserted correctly and is not bent or dull. Adjust tension settings as needed.

SPECIFICATIONS

- **Model:** FYe310
- **Product Dimensions:** 6.3 x 14.37 x 10.63 inches
- **Item Weight:** 16.3 pounds
- **Manufacturer:** FEIYUE
- **Power Source:** AC
- **Material:** Aluminum, Metal
- **Stitch Applications:** 105 (24 built-in stitches)
- **Motor:** 100W Servo Motor

WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the warranty card included in your accessory kit or contact FEIYUE customer support. Protection plans are available for purchase separately to extend coverage.

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

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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.

Submit question