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FEIYUE FY710

FEIYUE FY710 Computerized Sewing Machine Instruction Manual

Model: FY710

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your FEIYUE FY710 Computerized Sewing Machine. Designed for advanced sewing, quilting, and monogramming, this machine features 180 stitch patterns, stitch memory, an intuitive LCD display, adjustable speed control, and an automatic thread cutter. Please read this manual thoroughly before using the machine to ensure proper setup and to maximize your sewing experience.



2. SETUP

2.1 Unpacking and Accessories

Carefully remove the sewing machine from its packaging. Ensure all accessories are present. The machine includes various presser feet, bobbins, a needle set, screwdrivers, a seam ripper/cleaning brush, and an operation video USB drive.

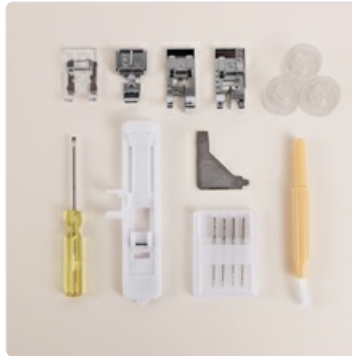


Figure 2: Assortment of included presser feet and tools.

2.2 Power Connection

Connect the power cord to the machine and then to a suitable electrical outlet. Ensure the machine is placed on a stable, flat surface.

2.3 Bobbin Winding

Place a spool of thread on the spool pin. Guide the thread through the tension disc and around the bobbin winding spindle. Place an empty bobbin onto the spindle and push it to the right. Press the Start/Stop button to begin winding. The machine will stop automatically when the bobbin is full.



Figure 3: Automatic bobbin winding process.

2.4 Threading the Upper Thread

1. Raise the presser foot lever.
2. Place the thread spool on the spool pin.
3. Guide the thread through the upper thread guide.
4. Follow the numbered path down to the needle.
5. Use the automatic needle threader for quick and easy threading.

AUTOMATIC THREADING

Built-in needle threader for easy threading



Figure 4: Automatic needle threading system in action.

2.5 Drop-in Bobbin Setup

Open the bobbin cover. Insert the wound bobbin into the bobbin case, ensuring the thread unwinds in the correct direction. Follow the guided path for the thread and close the cover. The machine is designed to start sewing without needing to pull up the bobbin thread manually.



Figure 5: Easy drop-in bobbin system.

2.6 Attaching the Extension Table

For larger projects, slide off the accessory storage box to reveal the free arm. Attach the extension table by

aligning its pins with the corresponding holes on the machine and sliding it into place. This provides a larger, flat work surface.



Figure 6: Detachable accessory storage box revealing the free arm.

3. OPERATING THE MACHINE

3.1 LCD Touchscreen and Stitch Selection

The 7-inch LCD touchscreen displays stitch patterns, recommended presser foot type, and machine status. Use the screen to select from 180 built-in stitch patterns, including utility, decorative, graphic, and monogram stitches. The screen also allows for stitch memory, mirror imaging, and single/twin needle toggling.

SMART TOUCH MODERN CRAFT



Needle Button

Single and double needle



Mirror Stitch

Mirror stitch button



Screen Lock

All the buttons will be locked



Speed Button

Stitch speed adjustment button



Memory Pattern

Pattern storage technology

Figure 7: Detailed view of the smart LCD touchscreen and its functions.

180 TYPES OF STITCHES

Basic stitches, specialty stitches, and decorative alphabet stitches

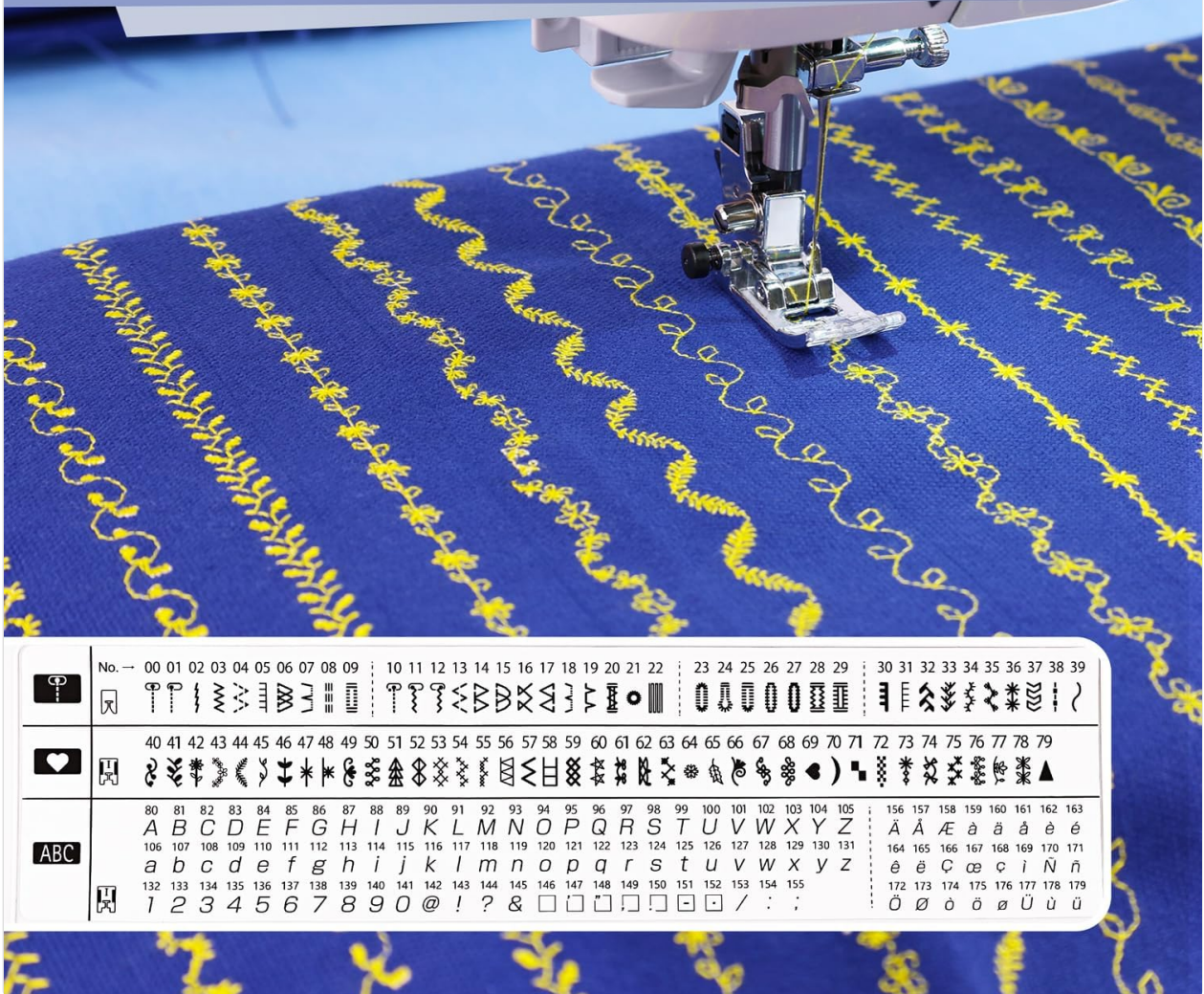


Figure 8: Examples of the 180 built-in stitch patterns.

3.2 Start/Stop and Speed Control

You can operate the machine using the Start/Stop button for pedal-free sewing or connect a traditional foot pedal. Adjust the sewing speed using the hardware slider or on-screen controls for precise stitching.

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Video 1: Demonstrates one-touch start and adjustable sewing speed on the FEIYUE FY710.

3.3 Reverse Stitching and Automatic Thread Cutting

Reinforce stitches by pressing the reverse stitch button. The machine also features an automatic thread cutter that trims both upper and bobbin threads at the touch of a button or at the end of programmed sequences.

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Video 2: Shows automatic reverse stitching and thread trimming on the FEIYUE FY710.

3.4 Handling Various Fabric Thicknesses

The machine's extra presser foot lift and adjustable pressure allow it to handle a wide range of fabric thicknesses, from ultra-thin materials to multiple layers of denim. The drop feed function supports free-motion quilting and button sewing.



70W
Servo motor



Made of better
materials



70W SERVO MOTOR

More powerful and more suitable




Figure 9: Demonstrates the machine's capability to sew through various fabric thicknesses.

3.5 Buttonhole Function

Create perfect buttonholes with ease using the dedicated buttonhole presser foot. The machine supports one-step buttonholes, automatically sized to match your buttons.

CREATE PERFECT BUTTONHOLES WITH EASE



This is a buttonhole foot for a sewing machine, designed to easily create buttonholes that match specific button sizes.

Figure 10: The buttonhole foot in action, creating a buttonhole.

3.6 Free Arm Sewing

Remove the accessory storage box to utilize the free arm feature. This is ideal for sewing cuffs, sleeves, pant hems, and other tubular projects.

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Video 3: Demonstrates the use of the free arm for sewing cylindrical items on the FEIYUE FY710.

4. MAINTENANCE

4.1 Cleaning

Regularly clean the bobbin area and feed dogs using the provided cleaning brush. Turn off and unplug the machine before cleaning. Remove the needle plate and bobbin case to access the area. Remove any lint or thread buildup.

4.2 Needle Replacement

Replace the needle regularly, especially if it becomes bent or dull. Use the screwdriver to loosen the needle clamp screw, remove the old needle, insert a new one with the flat side facing the back, and tighten the screw

securely.

5. TROUBLESHOOTING

If you encounter issues, refer to the following common troubleshooting tips:

- **Thread Breaking:** Check if the machine is correctly threaded, the needle is inserted properly, the thread tension is appropriate, or if the needle is bent/dull.
- **Skipped Stitches:** Ensure the correct needle type and size are used for the fabric. Check if the needle is bent or dull.
- **Uneven Stitches:** Verify that the bobbin is correctly wound and inserted, and that the upper thread tension is balanced.
- **Machine Jamming:** Turn off the machine immediately. Carefully remove any tangled threads from the bobbin area and under the needle plate.
- **Overheat Protection:** The machine has enhanced safety features, including overheat protection. If the machine stops due to overheating, allow it to cool down for approximately 10 minutes before resuming operation.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions	11.8 x 20.4 x 13.8 inches
Item Weight	19.84 pounds
Manufacturer	FEIYUE
Item Model Number	FY710
Brand	FEIYUE
Color	White
Material	Metal, Plastic
Power Source	Corded Electric
Operating Temperature	5–40 °C (41–104 °F)

7. SAFETY INFORMATION

Please observe the following safety guidelines:

- 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 only accessories recommended by the manufacturer.
- 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.
- The machine is double-insulated for household safety.

