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Janome JW8100

Janome JW8100 Computerized Sewing Machine User Manual

Model: JW8100 | Brand: Janome

INTRODUCTION

This manual provides essential instructions for the safe and effective operation, setup, and maintenance of your Janome JW8100 Computerized Sewing Machine. Please read all instructions carefully before using the machine to ensure proper function and longevity.

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic safety precautions should always be followed, including the following:

- Always unplug the machine from the electrical outlet immediately after using and before cleaning, removing covers, or making any user servicing adjustments.
- Do not allow children to use the machine unsupervised.
- Keep fingers away from all moving parts. Special care is required around the sewing machine needle.
- Use the correct 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 switch 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.
- Never operate the 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.
- Do not operate where aerosol (spray) products are being used or where oxygen is being administered.

PACKAGE CONTENTS

Verify that all components are present in your package:

- Janome JW8100 Computerized Sewing Machine
- Standard Included Accessories: General Purpose Foot (on machine), Zipper Foot, Satin Stitch Foot, Automatic Buttonhole Foot, Spool Holders (large and small), Extra Spool Pin, Bobbins (class 15), Assorted Needle Set, Seam Ripper / Buttonhole Opener, Lint Brush, Screwdriver, Stitch Chart, Instruction Book, Foot Control, Power Cable.

- Bonus Accessories: Extra-Wide Extension Table, Hard Cover, Even Feed Foot, Quarter Inch Foot, Pin Cushion.

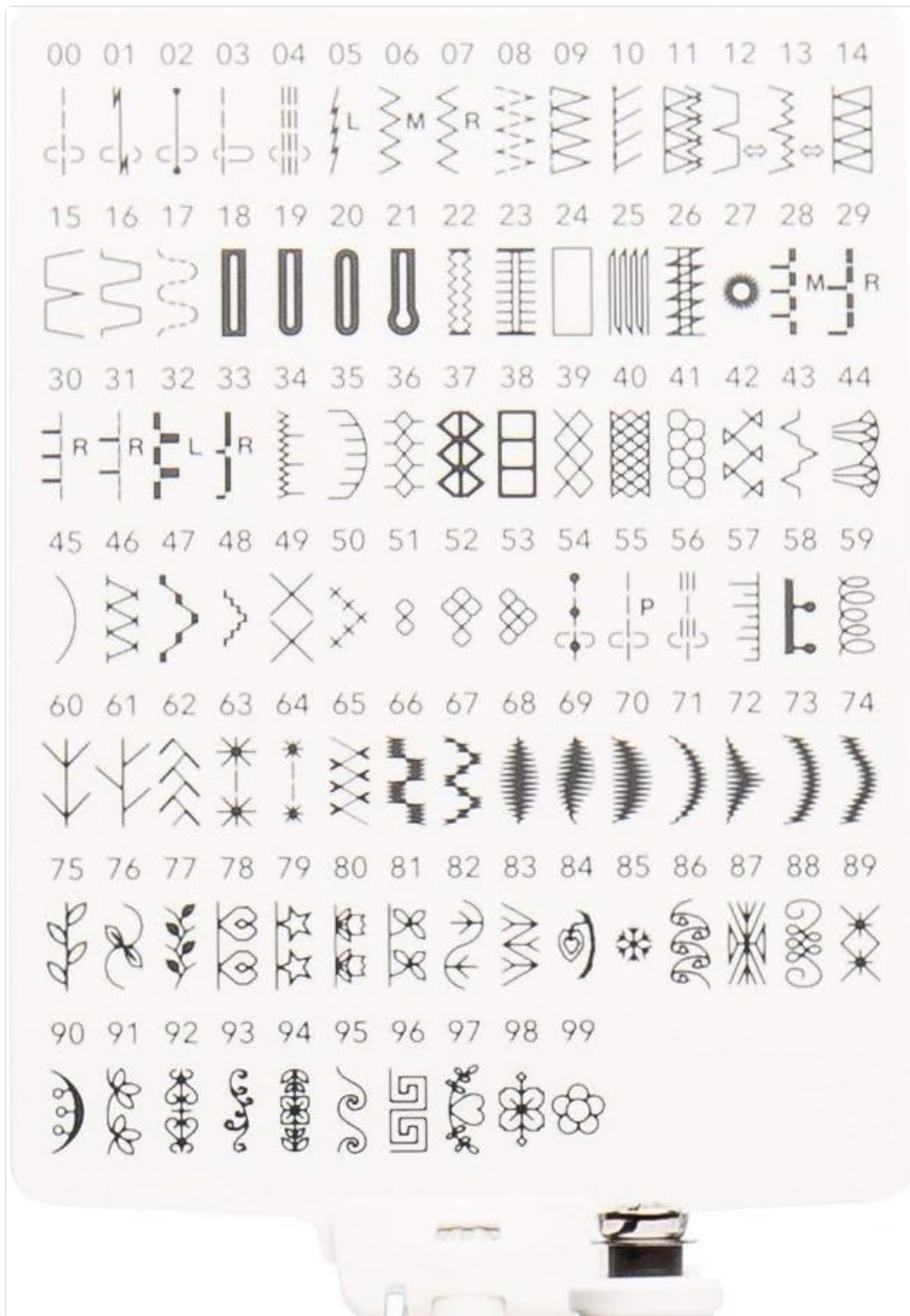


Image: Various accessories for the Janome JW8100, including different presser feet, bobbins, and tools.

SETUP INSTRUCTIONS

1. Power Connection

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

2. Attaching the Extension Table

For larger projects, slide the Extra-Wide Extension Table onto the free arm of the machine until it locks into place. This provides an expanded work surface.



Image: The Janome JW8100 machine with the extension table attached and the hard cover positioned nearby.

3. Winding the Bobbin

1. Place a spool of thread on the spool pin.
2. Guide the thread through the bobbin winding tension disc.
3. Place an empty bobbin onto the bobbin winder spindle.
4. Wrap the thread around the bobbin a few times, then push the spindle to the right.
5. Press the Start/Stop button to begin winding. The auto-declutch bobbin winder will stop automatically when the bobbin is full.

4. Threading the Machine

1. Raise the presser foot and the needle to its highest position.
2. Place the thread spool on the spool pin.
3. Follow the numbered threading path indicated on the machine, guiding the thread through the tension discs and take-up lever.

4. Use the built-in needle threader to easily thread the needle.
5. Pull the bobbin thread up through the needle plate opening.



Image: A detailed view of the needle, presser foot, and needle plate area, showing threading guides.

OPERATING INSTRUCTIONS

1. Selecting Stitches

The Janome JW8100 features 100 built-in stitches and 7 automatic buttonhole styles. Use the backlit LCD screen and navigation buttons (+/-) to select your desired stitch. The stitch chart, located on the machine, provides a visual reference for all available stitches.



Image: The control panel of the Janome JW8100, showing the LCD screen and stitch selection buttons.



Image: A comprehensive stitch chart illustrating the 100 available stitch patterns.

2. Basic Sewing Functions

- **Start/Stop Button:** Press to start or stop sewing without the foot control.
- **Speed Control Slider:** Adjust the sewing speed from slow to fast.
- **Reverse Button:** Press to sew in reverse, useful for securing stitches at the beginning and end of seams.
- **Locking Stitch Button:** Creates a secure knot at the end of a seam to prevent unraveling.
- **Needle Up/Down Button:** Controls the needle's final resting position (up or down) when sewing stops.

3. Using the Free Arm

Remove the accessory storage compartment to expose the free arm. This feature is ideal for sewing cylindrical items such as cuffs, sleeves, and pant hems.



Image: The Janome JW8100 with its accessory compartment removed, revealing the free arm for circular sewing.

MAINTENANCE

1. Cleaning the Machine

Regularly clean the bobbin area and feed dogs using the lint brush provided. Ensure the machine is unplugged before cleaning. Remove the needle plate and bobbin case to access these areas.

2. Changing the Needle

Always use the correct type and size of needle for your fabric. Loosen the needle clamp screw, remove the old needle, insert the new needle with the flat side facing the back, and tighten the screw securely.

TROUBLESHOOTING

If you encounter issues with your sewing machine, consider the following common solutions:

- **Skipped Stitches:** Check if the needle is bent or dull, ensure it is inserted correctly, and verify that the correct needle type is being used for the fabric.
- **Thread Breakage:** Re-thread the machine completely, check for proper thread tension, ensure the bobbin is wound evenly, and inspect the needle for burrs.
- **Fabric Not Feeding:** Ensure the presser foot is lowered, check if the feed dogs are engaged, and verify that the stitch length is not set to zero.
- **Machine Not Starting:** Confirm the power cord is securely plugged in, the foot control is connected (if used), and the main power switch is on.

For more detailed troubleshooting, refer to the comprehensive instruction book included with your machine or contact Janome customer support.

SPECIFICATIONS

Feature	Detail
Product Dimensions	7 x 16 x 12 inches (7"D x 16"W x 12"H)
Item Weight	12 pounds
Manufacturer	Janome
Model Number	001JW8100
Stitch Count	100 Built-In Stitches
Buttonhole Styles	7 Auto Buttonhole Styles
Bobbin Type	Top Drop-In Bobbin (Class 15)
Feed Dog System	7-Piece Feed Dog System
Maximum Stitch Length	5mm
Maximum Stitch Width	7mm
Included Components	General Purpose Foot, Zipper Foot, Satin Stitch Foot, Automatic Buttonhole Foot, Spool Holders, Extra Spool Pin, Bobbins, Needle Set, Seam Ripper, Lint Brush, Screwdriver, Stitch Chart, Instruction Book, Foot Control, Power Cable, Extra-Wide Extension Table, Hard Cover, Even Feed Foot, Quarter Inch Foot, Pin Cushion
Color	White
UPC	732212310041

WARRANTY AND SUPPORT

Your Janome JW8100 Computerized Sewing Machine is covered by a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, service, or to inquire about replacement parts, please contact Janome customer service through their official website or the contact information provided in your product documentation.