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Janome N700

Janome N700 Electronic Sewing Machine User Manual

Model: N700

Brand: Janome

Introduction

Thank you for purchasing the Janome N700 Electronic Sewing Machine. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new sewing machine. Please read this manual thoroughly before using the machine and keep it for future reference.



Figure 1: Janome N700 Electronic Sewing Machine. This image shows the overall appearance of the sewing machine, highlighting its compact design and user-friendly controls.

Key Features

- **Horizontal Full Rotary Hook:** No bobbin case required, making bobbin thread setup easy and quiet.
- **Built-in Needle Threader:** Simplifies the often tedious task of threading the needle.
- **Free Arm Capability:** Easily converts from flatbed to free arm by removing the auxiliary table, ideal for sewing sleeves, cuffs, and other cylindrical items.
- **Electronic Speed Control:** Allows for precise and free adjustment of sewing speed, enabling you to sew at your own comfortable pace.
- **LED Light:** Illuminates the sewing area brightly for improved visibility.
- **Horizontal Spool Pin:** Ensures smooth thread feeding and is conveniently located at the back for easy spool attachment.
- **Variety of Stitches:** Includes 12 utility stitches and 1 type of buttonhole, offering versatility for various sewing projects.



Figure 2: Detailed view of key features including the horizontal full rotary hook, needle threader, free arm, and speed control dial. These features enhance the machine's ease of use and versatility.

Setup

1. **Unpacking:** Carefully remove the machine from its packaging. Retain all packing materials for future storage or transport.
2. **Placement:** Place the sewing machine on a stable, flat surface. Ensure there is adequate space around the machine for comfortable operation.

3. **Power Connection:** Insert the power cord into the machine's power socket and then into a suitable 100V 50/60Hz electrical outlet.
4. **Foot Controller (Optional):** If using a foot controller (not included as standard accessory but can be purchased separately), connect it to the designated port.

Operating Instructions

1. Threading the Machine

Proper threading is crucial for good stitch quality.

Upper Threading:

1. Place a spool of thread on the horizontal spool pin at the back of the machine. Secure it with the spool cap.
2. Follow the numbered threading path indicated on the machine, ensuring the thread passes through all guides and tension discs.
3. Thread the needle using the built-in needle threader for convenience.

Bobbin Winding:

1. Place an empty bobbin onto the bobbin winder spindle.
2. Guide the thread from the spool through the bobbin winding tension disc.
3. Wrap the thread a few times around the bobbin, then push the bobbin winder spindle to the right.
4. Start the machine (using the Start/Stop button or foot controller) to wind the bobbin. Stop when the bobbin is full.

Bobbin Insertion (Horizontal Full Rotary Hook):

1. Open the bobbin cover plate.
2. Insert the wound bobbin into the bobbin case, ensuring the thread unwinds in the correct direction (usually counter-clockwise).
3. Pull the thread through the tension slot.
4. Replace the bobbin cover plate.



Figure 3: This image illustrates the machine's capability to sew thick fabrics like denim, the bright LED light, the convenient Start/Stop button, and the smooth horizontal spool pin for thread feeding.

2. Stitch Selection and Adjustment

The Janome N700 offers 12 utility stitches and 1 buttonhole type.

- **Stitch Pattern Dial:** Rotate the stitch pattern dial to select the desired stitch.
- **Stitch Length/Width:** Adjust the stitch length and width using the corresponding dials or levers as needed for your project. Refer to the stitch chart on the machine for recommended settings.



Figure 4: A visual guide to the various stitch patterns available on the Janome N700, including straight stitches, zigzag stitches, and buttonhole options, demonstrating its versatility.

3. Starting and Stopping Sewing

- **Start/Stop Button:** Press the Start/Stop button to begin sewing. Press it again to stop.
- **Speed Control Slider:** Use the speed control slider to adjust the sewing speed from slow to fast.
- **Reverse Lever:** Press and hold the reverse lever to sew in reverse for securing stitches.

4. Free Arm Sewing

To convert to free arm mode, simply slide off the accessory box/auxiliary table. This exposes the narrow free arm, perfect for sewing cuffs, pant hems, and other small, circular items.

Maintenance

- **Cleaning:** Regularly clean lint and dust from the bobbin area and feed dogs using the provided brush. Disconnect power before cleaning.
- **Needle Replacement:** Replace the needle frequently (after every 8-10 hours of sewing or when it becomes dull/bent) to ensure optimal stitch quality and prevent fabric damage. Use only sewing machine needles compatible with your machine.
- **Storage:** When not in use, cover the machine with the hard cover to protect it from dust and damage.

Troubleshooting

Problem	Possible Cause	Solution
Skipped Stitches	Incorrect needle, bent needle, improper threading, wrong thread tension.	Replace needle, re-thread machine, adjust tension.
Thread Breaking	Incorrect threading, too much tension, poor quality thread, dull needle.	Re-thread, reduce tension, use good quality thread, replace needle.
Machine Not Starting	Power cord not connected, bobbin winder engaged, machine jammed.	Check power, disengage bobbin winder, clear any jams.

Specifications

Operating Voltage	100V 50/60Hz
Power Consumption	50W
Dimensions (W×D×H)	353 × 159 × 265 mm (approx. 13.9 x 6.3 x 10.4 inches)
Weight (Main Unit)	Approx. 5.5 kg (approx. 12.1 lbs)
Maximum Sewing Speed	650 spm (stitches per minute)
Feed Dog Shape	4-piece
Control Method	Electronic
Hook Type	Horizontal Full Rotary Hook
Maximum Stitch Width	5 mm
Utility Stitches	12 types
Buttonholes	1 type

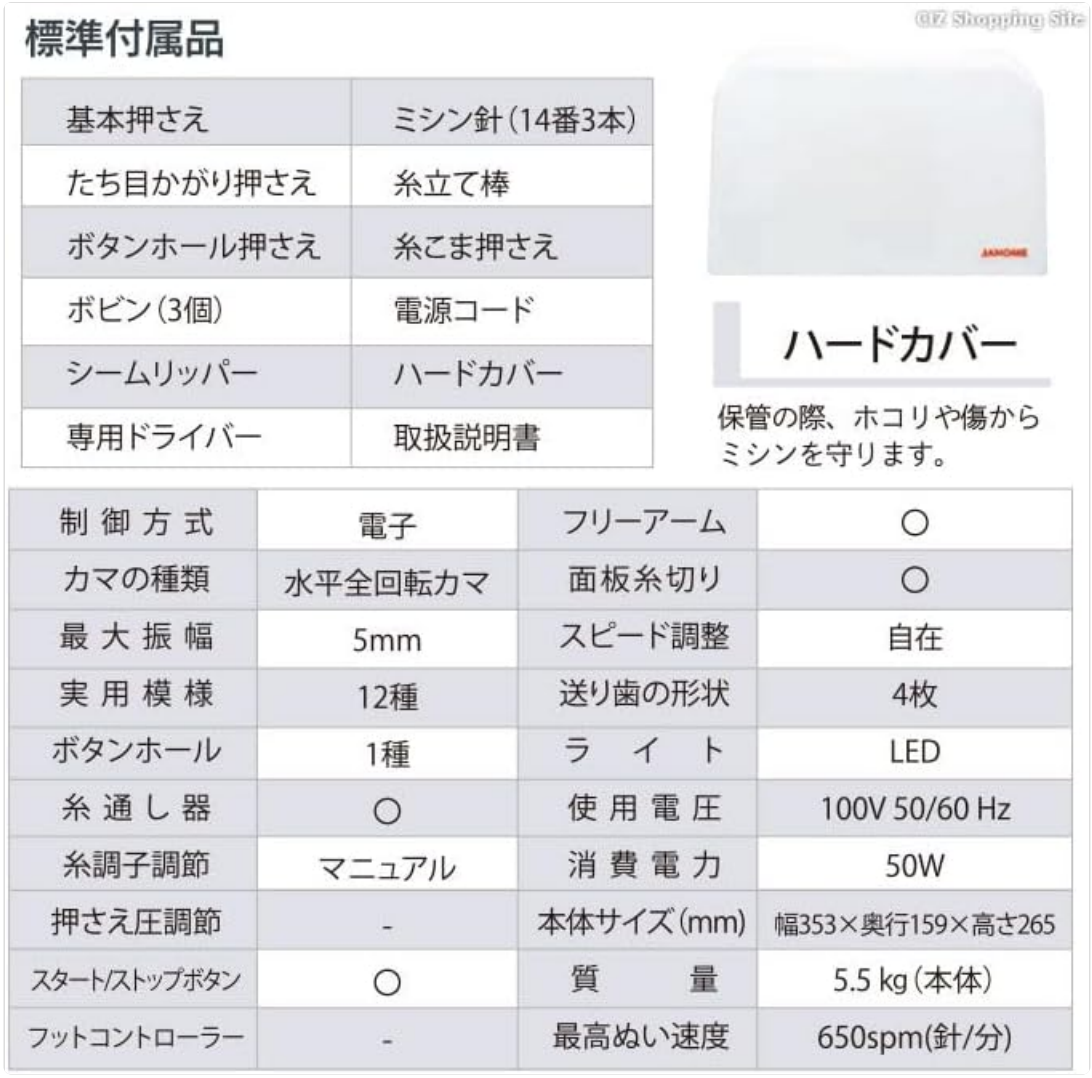


Figure 5: This image provides a comprehensive list of standard accessories included with the machine and a detailed table of its technical specifications, such as dimensions, weight, and stitch types.

Included Accessories

- Standard Presser Foot
- Overcasting Presser Foot
- Buttonhole Presser Foot
- Bobbins (3 pcs)
- Seam Ripper
- Dedicated Screwdriver
- Sewing Machine Needles (Size 14, 3 pcs)
- Spool Pin
- Spool Cap
- Power Cord
- Hard Cover

Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury to persons.

- Always unplug the machine from the electrical outlet when removing covers, lubricating, or when making any adjustments mentioned in this instruction manual.
- Never operate this machine if it has a damaged cord or plug, if it is not working properly, or if it has been dropped or damaged.
- Keep fingers away from all moving parts. Special care is required around the sewing machine needle.
- Use only accessories recommended by the manufacturer.

Warranty and Support

For warranty information and customer support, please refer to the warranty card included with your purchase or contact Janome customer service. Keep your proof of purchase for any warranty claims.

For further assistance or inquiries, please visit the official Janome website or contact their authorized service centers.

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