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Janome Skyline S5

Janome Skyline S5 Computerized Sewing Machine User Manual

Model: Skyline S5

Brand: Janome

1. Product Overview

The Janome Skyline S5 is a computerized sewing machine designed to enhance your sewing experience with a blend of modern convenience and robust features. It is built with a one-piece metal frame for durability and stability, ensuring consistent performance across various projects.

Key Features:

- **170 Built-in Stitches:** A wide selection of stitches for diverse sewing needs.
- **91 Needle Positions:** Offers precise control for detailed work.
- **Maximum 9mm Stitch Width:** Allows for wide decorative stitches.
- **6 Ultra-Bright LED Lights:** Illuminates the work area for improved visibility.
- **Auto Tension System:** Automatically adjusts thread tension for optimal stitch quality.
- **Backlit Digital LCD Screen:** Provides clear display of stitch selections and settings.
- **Advanced Start/Stop Button:** For convenient operation without a foot pedal.
- **Automatic Thread Cutter:** Trims both upper and bobbin threads with a touch of a button.
- **Easy Reverse and Locking Stitch Button:**Secures stitches at the beginning and end of seams.
- **Memorized Needle Up/Down:** Allows the needle to stop in the up or down position, ideal for pivoting fabric.
- **One-Step Plate Converter:** Easily switch between standard and straight stitch needle plates.
- **Spacious Work Area:** 8.25 inches to the right of the needle, accommodating larger projects.
- **Superior Plus Feed System:** Features a seven-piece feed dog mechanism for smooth and accurate fabric feeding.

2. Setup and Initial Use

2.1 Unpacking and Placement

Carefully remove the machine from its packaging. Place the machine on a stable, flat surface with adequate lighting. Ensure there is enough space around the machine for comfortable operation and fabric handling.

2.2 Power Connection

Connect the power cord to the machine and then to a suitable electrical outlet. Ensure the machine's power switch is in the OFF position before connecting.

2.3 Spool Pin and Thread Placement

Place your desired thread spool onto the horizontal spool pin located on the top of the machine. Secure it with the appropriate size spool cap to ensure smooth thread feeding.

2.4 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 clockwise.
4. Push the bobbin winder spindle to the right until it clicks into place.
5. Press the Start/Stop button or the foot pedal to begin winding. The machine will automatically stop when the bobbin is full.
6. Cut the thread and push the bobbin winder spindle back to the left. Remove the wound bobbin.

2.5 Threading the Upper Thread

1. Raise the needle to its highest position using the needle up/down button or by turning the handwheel towards you.
2. Follow the numbered threading path indicated on the machine, guiding the thread through all tension guides and the take-up lever.
3. Use the built-in needle threader to easily thread the needle. Ensure the presser foot is lowered for proper engagement of the needle threader.

2.6 Inserting the Bobbin

1. Open the bobbin cover plate located on the needle plate.
2. Insert the wound bobbin into the bobbin case, ensuring the thread unwinds in the correct direction (usually counter-clockwise).
3. Guide the bobbin thread through the tension slot in the bobbin case.
4. Close the bobbin cover plate.
5. Hold the upper thread lightly and turn the handwheel towards you to bring the bobbin thread up through the needle plate opening. Pull both threads to the back under the presser foot.

2.7 Attaching the Extension Table

The Janome Skyline S5 includes a generous extension table to provide a larger work surface, which is particularly useful for quilting and larger projects. To attach, slide the extension table onto the free arm until it locks securely into place.



Image: Janome Skyline S5 with its dimensions, highlighting the spacious work area.

3. Operating Instructions

3.1 Stitch Selection and Adjustment

Use the backlit digital LCD screen and control panel to select from 170 built-in stitches. Adjust stitch length and width as needed. The machine offers 91 needle positions for precise control.



Image: Close-up of the Janome Skyline S5 control panel and LCD screen for stitch selection.

3.2 Start/Stop and Speed Control

The machine can be operated using the Start/Stop button for hands-free sewing. Adjust the sewing speed using the speed control slider located on the machine body. For foot pedal operation, ensure the foot pedal is connected and the Start/Stop button is not engaged.

3.3 Automatic Thread Cutter

After completing a seam, press the Automatic Thread Cutter button to trim both the upper and bobbin threads, leaving clean thread tails.

3.4 Needle Up/Down and Locking Stitch

Use the Needle Up/Down button to position the needle precisely. This is useful for pivoting fabric at corners. The Locking Stitch button secures the beginning and end of seams to prevent unraveling.

3.5 Knee Lifter

The included knee lifter allows you to raise and lower the presser foot using your knee, keeping your hands free to guide the fabric. This is particularly beneficial for intricate sewing and quilting tasks.

3.6 One-Step Needle Plate Converter

The machine features a one-step needle plate converter. Simply slide the lever to release the current needle plate and replace it with the desired plate, such as the straight stitch plate for precise straight stitching.



Image: The Janome Skyline S5 with the needle plate removed, showing the feed dogs and bobbin area.

4. Maintenance

4.1 Cleaning the Machine

Regular cleaning is essential for optimal machine performance. Use a soft brush to remove lint and dust from the bobbin area and feed dogs. Periodically wipe down the machine's exterior with a soft, dry cloth.

4.2 Lubrication

The Janome Skyline S5 requires lubrication with New Deffix Oil No.1. Refer to the detailed instructions in the full manual for specific lubrication points and frequency.

4.3 Needle Replacement

Always use the correct needle type and size for your fabric and thread. Replace bent or dull needles immediately to prevent skipped stitches or fabric damage. Ensure the machine is turned off before replacing the needle.

5. Troubleshooting

5.1 Common Issues and Solutions

- **Skipped Stitches:** Ensure the needle is inserted correctly, not bent, and is the appropriate type for the fabric. Re-thread the machine completely.
- **Thread Breakage:** Check for proper threading, correct needle size, and ensure the thread is not old or damaged. Verify the bobbin is wound evenly.
- **Uneven Tension/Loopy Stitches:** The Skyline S5 has an auto tension system. If issues persist, ensure the machine is threaded correctly and the bobbin is wound with consistent tension. Some users have found that using polyester thread can improve stitch quality and tension consistency.
- **Fabric Not Feeding:** Check that the feed dogs are not lowered. Ensure the presser foot is appropriate for the fabric and is lowered correctly.
- **Needle Breakage:** Use the correct needle size for your fabric. Avoid pulling the fabric while sewing. Ensure the

needle plate is appropriate for the selected stitch (e.g., straight stitch plate for straight stitches).

For more detailed troubleshooting, consult the comprehensive manual provided with your machine or contact Janome customer support.

6. Specifications

- **Product Dimensions:** 15 x 26 x 18 inches (or 9.25"D x 19"W x 12.5"H)
- **Item Weight:** 31 pounds
- **Built-in Stitches:** 170
- **Needle Positions:** 91
- **Maximum Stitch Width:** 9mm
- **Lighting:** 6 Ultra-bright LED lights
- **Tension System:** Auto tension
- **Thread Cutter:** Automatic
- **Needle Plate:** One-step plate converter included
- **Work Area (Right of Needle):** 8.25 inches
- **Feed System:** Superior Plus Feed System (seven-piece feed dog)
- **Lubricating Oil:** New Deffix Oil No.1
- **UPC:** 732212311383
- **Model Number:** jano-s5-bundle

7. Warranty and Support

For warranty information, please refer to the warranty card included with your Janome Skyline S5 sewing machine. For technical support, service, or to purchase accessories, please contact your authorized Janome dealer or visit the official Janome website.

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