

Caron 10089

Caron The Ultimate Sweater Machine Instruction Manual

Model: 10089

1. PRODUCT OVERVIEW

The Caron Ultimate Sweater Machine is designed to facilitate rapid knitting, allowing users to create various knitted items efficiently. This machine can knit up to 1200 stitches per minute, making it suitable for producing adult sweaters or afghans in a short timeframe, or children's sweaters even faster. It accommodates a wide range of yarn types, from sport weight to chunky.

No prior knitting experience is required to operate this machine. It is compatible with standard hand knitting patterns and specialized knitting books. The machine supports various stitch patterns, including cables, lace, picture knits, tuck stitch, and Fair Isle.

The machine includes six key-plates, designed to match knitting needle sizes from 6 to 10-1/2. It can create items up to 100 stitches wide. Extension kits are available separately to increase the knitting width.



Figure 1: Caron The Ultimate Sweater Machine. This image displays the main unit of the knitting machine, including the needle bed and carriage.

Key Features:

- Includes a needle bed with 100 needles, capable of knitting up to 1,000 stitches per minute.
- Comes with a set of four keyplates and hand tools for creating various patterns, ribbing, and shaping.
- Suitable for making full-size sweaters, skirts, coats, afghans, cushions, and children's or baby wear.
- Compatible with popular hand-knit yarns such as sport, worsted, double-knit, Aran, cotton, mohair, and chunky.
- Designed for ease of learning, with step-by-step instructions provided.

2. SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts listed in the product manual are present.
2. **Placement:** Place the knitting machine on a stable, flat surface. Ensure there is adequate space around the machine for operation and yarn management.
3. **Needle Bed Assembly:** If the needle bed is not pre-assembled, follow the specific instructions in the included manual for attaching the needle bed sections securely.
4. **Keyplate Selection:** Select the appropriate keyplate based on the yarn weight you intend to use. Insert the keyplate into the carriage mechanism.
5. **Yarn Setup:** Prepare your chosen yarn. Ensure the yarn is free of tangles and can feed smoothly into the machine. Refer to the specific yarn threading instructions in the detailed manual.

6. **Initial Cast-On:** Perform an initial cast-on using the "e-stitch" method or as instructed in the detailed guide to prepare the first row of stitches.

3. OPERATING INSTRUCTIONS

Basic Knitting:

1. **Carriage Movement:** Once the initial cast-on is complete, gently push the carriage across the needle bed. Ensure smooth, consistent pressure.
2. **Yarn Tension:** Maintain consistent yarn tension throughout the knitting process. Incorrect tension can lead to dropped stitches or uneven fabric.
3. **Monitoring Stitches:** Regularly check the needles to ensure all stitches are forming correctly. Address any dropped stitches immediately by manually repositioning the yarn.

Advanced Techniques:

The Ultimate Sweater Machine is capable of various advanced stitch patterns. Refer to the comprehensive instructional video and accompanying books for detailed guidance on:

- Creating cables and lace patterns.
- Implementing picture knits and tuck stitches.
- Knitting Fair Isle designs.
- Shaping garments and creating ribbing.

Utilize the provided hand tools for these specialized techniques as instructed.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your knitting machine.

- **Cleaning:** Periodically clean the needle bed and carriage to remove lint and yarn fibers. Use a soft brush or cloth.
- **Lubrication:** Apply a small amount of machine oil to the moving parts of the carriage and needle bed as recommended in the full manual. Avoid over-lubrication.
- **Needle Inspection:** Inspect needles for bends or damage. Replace any damaged needles to prevent knitting errors.
- **Storage:** When not in use, store the machine in its original carry box or a clean, dry environment to protect it from dust and damage.

5. TROUBLESHOOTING

This section addresses common issues encountered during operation.

Common Issues and Solutions:

- **Carriage Jams or Stops:**
 - Ensure the needle bed is clean and free of obstructions.
 - Check for bent needles that might be impeding carriage movement.
 - Verify that the keyplate is correctly seated and not popping up.
 - Adjust the pressure applied to the carriage; too much or too little pressure can cause issues.
 - Confirm the yarn is feeding smoothly and not snagging.

• **Dropped Stitches:**

- Check yarn tension; it may be too loose or too tight.
- Ensure the keyplate is appropriate for the yarn weight.
- Manually re-hang dropped stitches using a latch tool.
- Inspect needles for damage or incorrect positioning.

• **Uneven Knitting:**

- Verify consistent yarn tension.
- Ensure the carriage is moved at a steady speed across the needle bed.
- Check for any debris affecting needle movement.

For persistent issues, consult the detailed instructional video or contact customer support.

6. SPECIFICATIONS

Product Dimensions	23.25 x 4.25 x 15.5 inches
Item Model Number	10089
Item Weight	10.75 pounds
Manufacturer	Caron
Date First Available	April 21, 2004

7. WARRANTY AND SUPPORT

A limited manufacturer’s warranty is included with the Caron Ultimate Sweater Machine. Please refer to the warranty documentation provided in the product packaging for specific terms, conditions, and duration.

For technical support, replacement parts, or further assistance, please contact Caron customer service. Contact information can typically be found on the manufacturer’s website or within the product packaging.

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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