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VEVOR Industrial Sewing Machine 1113

VEVOR Industrial Sewing Machine 1113 User Manual

Model: Industrial Sewing Machine 1113
Brand: VEVOR

1. Introduction

This manual provides essential information for the safe and efficient operation, setup, and maintenance of your VEVOR Industrial Sewing Machine 1113. This heavy-duty lockstitch sewing machine is designed for various materials, from lightweight to heavyweight fabrics, offering a stitch length of 0-5mm and a high speed of 5000 stitches per minute. The machine features an integrated mechanical and motor design, which simplifies installation, reduces vibration and noise, and enhances energy efficiency with its intelligent start-stop function. It is suitable for professional use in sewing car and boat seats, upholstery, leather goods, canvas, tents, handbags, and more.



Image 1.1: The VEVOR Industrial Sewing Machine 1113 in operation, demonstrating its professional application.

2. Safety Instructions

Always adhere to the following safety guidelines to prevent injury and ensure proper machine function:

- Read all instructions before operating the machine.
- Keep hands clear of the needle area and moving parts during operation.
- Always disconnect the power supply before cleaning, lubricating, or servicing the machine.
- Do not operate the machine with damaged cords or if it has been dropped or damaged.
- Ensure the machine is placed on a stable, level surface.
- Use only recommended accessories and attachments.
- Keep children and pets away from the machine during operation.
- Wear appropriate eye protection when performing maintenance or adjustments.

3. Package Contents

Verify that all components are present upon unpacking. The complete product is shipped in three packages. The standard package includes:

- 1 x Industrial Sewing Machine Head
- 1 x Servo Motor
- 1 x Table Stand Assembly
- 1 x Thread Stand
- 10 x Sewing Needles
- 3 x Bobbins
- 6 x Rubber Mats
- 1 x Lubrication Oil
- 1 x Foot Pedal
- Instruction Manual



Image 3.1: Overview of machine dimensions and included accessories.

4. Setup

The VEVOR Industrial Sewing Machine features a mechanical and motor integration design, which simplifies the assembly process. The machine head and servo motor are designed to fit together efficiently, reducing installation complexity and potential loss of accessories.

4.1 Table Stand Assembly

1. Assemble the table stand according to the provided diagrams, ensuring all bolts are securely tightened.
2. Place the tabletop onto the assembled stand.
3. Mount the machine head into the designated opening on the tabletop.
4. Attach the foot pedal mechanism to the stand and connect it to the machine's servo motor.
5. Install the thread stand at the rear of the tabletop.

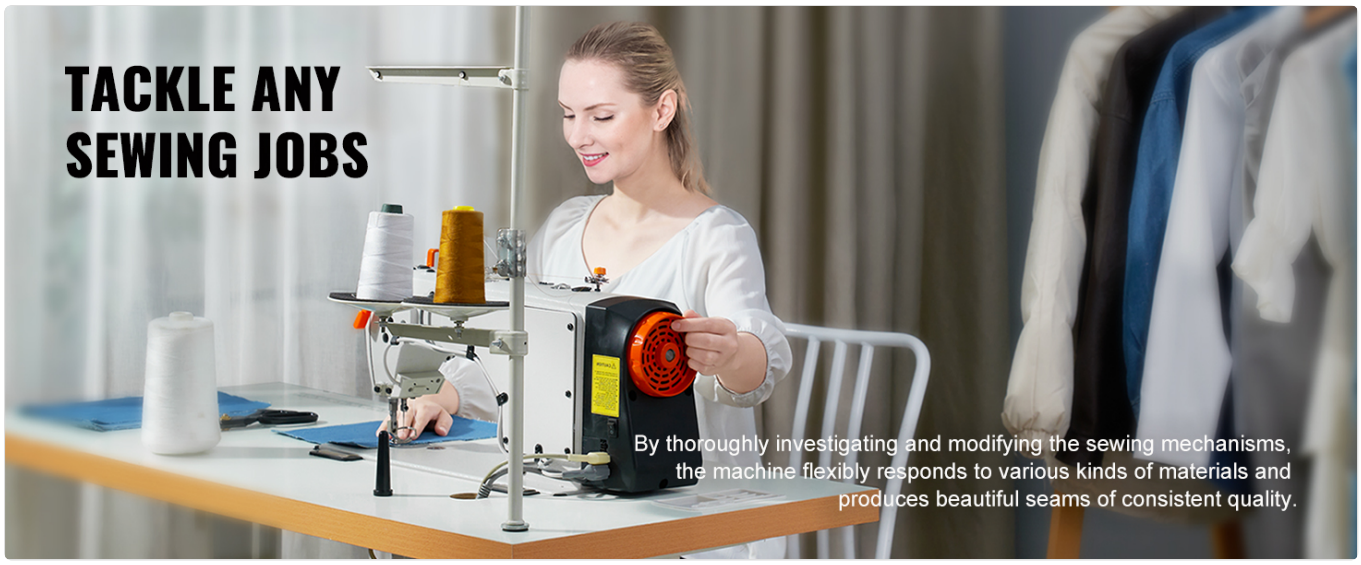


Image 4.1: Comparison of integrated motor design with traditional external motor setup.

4.2 Initial Checks

- Ensure all connections are secure.
- Verify the machine is properly lubricated (refer to Maintenance section).
- Plug the machine into a grounded power outlet.

5. Operating Instructions

The VEVOR Industrial Sewing Machine is equipped with an intelligent control system and a clear LCD panel for ease of use.

5.1 LCD Control Panel

The LCD touch panel allows for easy adjustment of settings and monitoring of the sewing process. Key functions include:

- **P (Function):** Access various machine functions.
- **S (Confirm):** Confirm selected settings.
- **Up/Down Arrows:** Increase or decrease values, navigate menus.
- **Up/Down Needle Position:** Adjust the needle's resting position.
- **Slow Start Sewing:** Initiate sewing at a reduced speed for precise starts.



Image 5.1: The clear LCD control panel for machine settings.

5.2 Intelligent Start-Stop Function

This feature optimizes energy consumption by automatically starting and stopping the motor as needed. When you stop sewing, the needle will automatically stop in a downward position, and the presser foot will lift, allowing for easy fabric manipulation and pivoting.



Image 5.2: Benefits of the Smart Start-Stop feature.

5.3 Stitch Length and Presser Foot Lift

The machine offers a stitch length range of 0-5mm, suitable for various materials. The presser foot can be lifted by a knee lifter, with a standard lift of 10mm and a maximum of 13mm, accommodating thicker fabrics.

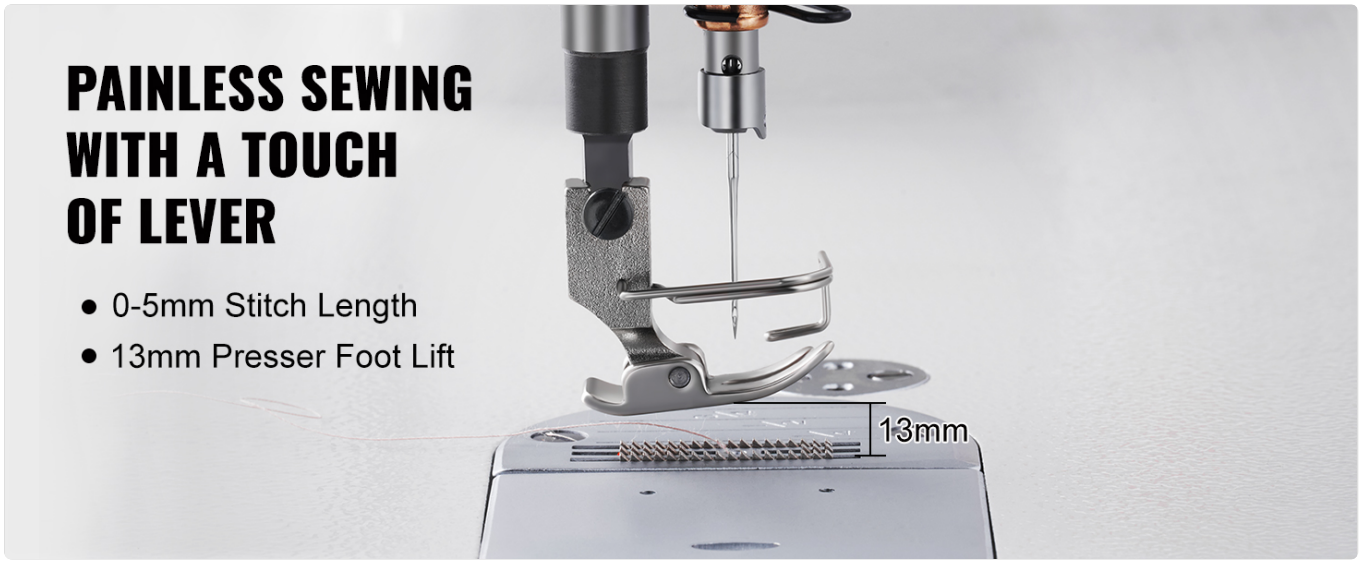


Image 5.3: Stitch length and presser foot lift capabilities.

5.4 Automatic Needle Stop

The automatic needle stop feature ensures the needle consistently stops in the desired up or down position, improving precision and ease of fabric handling.



Image 5.4: Automatic needle stop functionality.

5.5 Adjustable Thread Tension and Stitch

The machine allows for precise adjustment of thread tension and stitch type. A 4mm stitch is recommended for general light-medium fabrics, while a 5mm stitch is suitable for medium-heavy fabrics. Adjust the tension knob to achieve the desired stitch quality.



Image 5.5: Adjusting thread tension and stitch length.

6. Maintenance

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

6.1 Lubrication

The machine features an auto oil supply system for consistent lubrication. Regularly check the oil level and replenish as needed using the provided lubrication oil. Refer to the machine's oil level indicator.

6.2 Cleaning

- Disconnect power before cleaning.
- Regularly clean lint and dust from the bobbin case, feed dogs, and needle plate area using a brush.
- Wipe down the exterior surfaces with a soft, dry cloth.

6.3 Hand Wheel and Heat Dissipation

The hand wheel design promotes winding-proof operation and efficient heat dissipation, contributing to the motor's durability. Ensure the area around the hand wheel is kept clear for proper airflow.

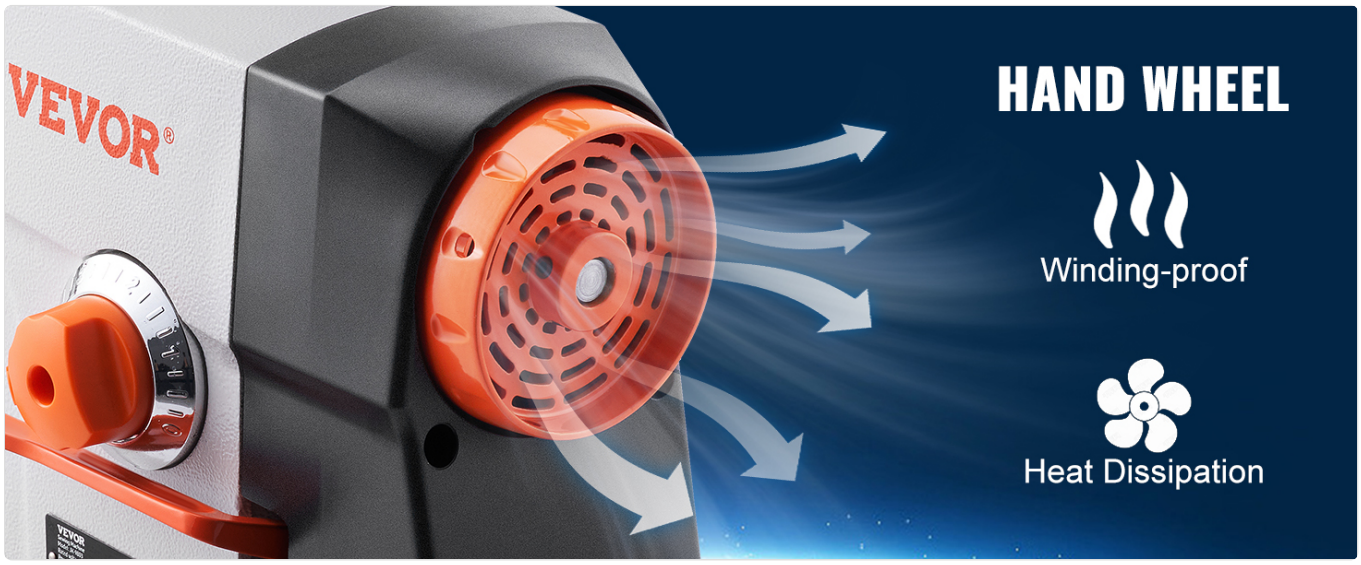


Image 6.1: Hand wheel design for durability and cooling.

7. Troubleshooting

This section addresses common issues you might encounter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Machine not starting	Power cord disconnected, power switch off, motor issue.	Check power connection, ensure switch is on. If problem persists, contact support.
Skipped stitches	Incorrect needle, needle bent or dull, improper threading, tension issues.	Replace needle with correct type/size, re-thread machine, adjust tension.
Thread breakage	High thread tension, poor quality thread, burrs on needle plate, incorrect threading.	Reduce tension, use quality thread, check for burrs, re-thread carefully.
Uneven stitches	Inconsistent fabric feeding, tension imbalance.	Ensure even fabric feeding, adjust upper and bobbin thread tension.

8. Specifications

Feature	Specification
Brand	VEVOR
Model Number	Industrial Sewing Machine 1113
Motor Power	550W Servo Motor
Stitch Type	Lockstitch (Straight Stitch)
Max. Sewing Speed	5000 stitches per minute (s.p.m)

Feature	Specification
Stitch Length	0-5 mm
Max. Presser Foot Lift	13 mm (by knee lifter)
Needle Size	90/14 (standard)
Usage	Medium-thick Material
Product Dimensions (D x W x H)	7"D x 21.65"W x 13.38"H (Machine Head)
Table Stand Width	47.24" / 120 cm
UPC	197988821915

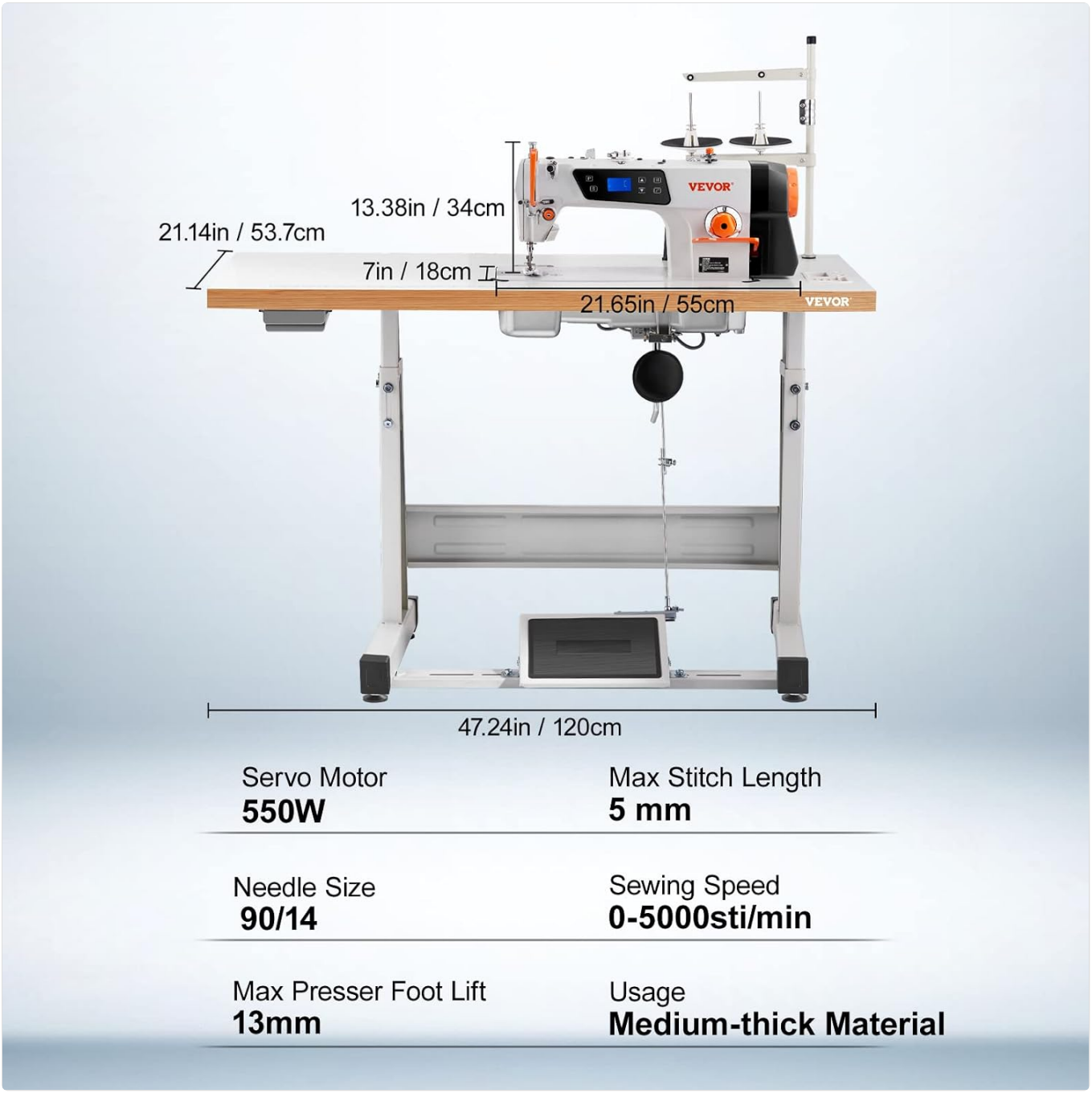


Image 8.1: Key specifications and dimensions of the sewing machine.

9. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official VEVOR website. Ensure you have your model number and purchase date available when contacting support.
Official VEVOR Website: www.vevor.com

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