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VEVOR DDL8700

VEVOR DDL8700 Industrial Lockstitch Sewing Machine User Manual

Model: DDL8700

Brand: VEVOR

1. INTRODUCTION

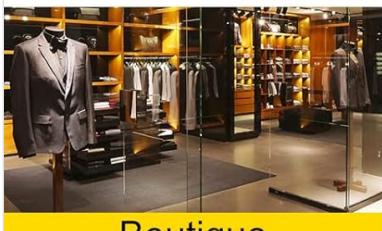
This manual provides detailed instructions for the assembly, operation, and maintenance of your VEVOR DDL8700 Industrial Lockstitch Sewing Machine. Please read this manual thoroughly before initial use to ensure safe and efficient operation. This machine is designed for industrial use, suitable for medium-thick materials up to 5 mm, and features a servo motor for precise control.

550W INDUSTRIAL SEWING MACHINE

Equip with everything you need to start sewing



Tailor Shop



Boutique



Bridal Shop



Home



Figure 1: VEVOR Industrial Sewing Machine in various application settings, highlighting its versatility in tailor shops, boutiques, bridal shops, and home use.

2. SAFETY INSTRUCTIONS

- Always disconnect the machine from the power supply before cleaning, servicing, or when not in use.
- Keep fingers away from the needle, presser foot, and handwheel during operation.
- Do not operate the machine with damaged cords or if it has been dropped or damaged.
- Ensure proper lighting in your work area.
- Keep children and pets away from the machine during operation.
- Use only recommended accessories and attachments.

3. PACKAGE CONTENTS

Your VEVOR DDL8700 Industrial Lockstitch Sewing Machine package includes the following components:

- Sewing Machine Head
- Table Stand

- Servo Motor (550W)
- LED Lamp
- Thread Stand
- Belt
- Bobbin Winder Assembly
- Needles (DB x 1 11#, 14#, 16#)
- Various screws and small parts for assembly

4. SETUP AND ASSEMBLY

The VEVOR DDL8700 requires assembly of the table stand, motor, and machine head. Follow these steps carefully.

4.1. Table Stand Assembly

Assemble the table stand according to the diagrams provided with your packaging. Ensure all bolts are securely tightened for stability.

4.2. Machine Head Installation

Carefully place the sewing machine head into the designated opening on the table. Secure it using the provided screws and mounting hardware.

4.3. Servo Motor and Belt Installation

Install the servo motor beneath the table. The motor is connected to the machine head via a belt. Use the adjuster to ensure the belt is taut but not overly tight, allowing for smooth operation.

Your browser does not support the video tag.

Video 1: This video demonstrates the installation of the servo motor and the drive belt, including how to adjust the belt tension for optimal machine performance. It also shows the bobbin winder installation and initial testing of the machine's basic functions.

4.4. Bobbin Winder Installation

Attach the bobbin winder assembly to the machine table. Ensure it is positioned correctly to engage with the machine's handwheel for efficient bobbin winding.

AUTOMATIC WINDING STAND

Pre-drilled holes for easy installation



0-3500 sti/min Sewing Speed



0-5 mm Stitch Length



Figure 2: The automatic winding stand, designed for easy installation with pre-drilled holes, supports efficient thread management.

4.5. Threading the Machine

Follow the threading path indicated on the machine. This typically involves guiding the thread through the thread stand, tension discs, take-up lever, and finally through the needle. Ensure the bobbin is correctly inserted into the bobbin case.



Figure 3: Overview of the VEVOR 1-Needle Lockstitch Machine, emphasizing its design for fast threading, stitch adjustment, and foot pedal operation.

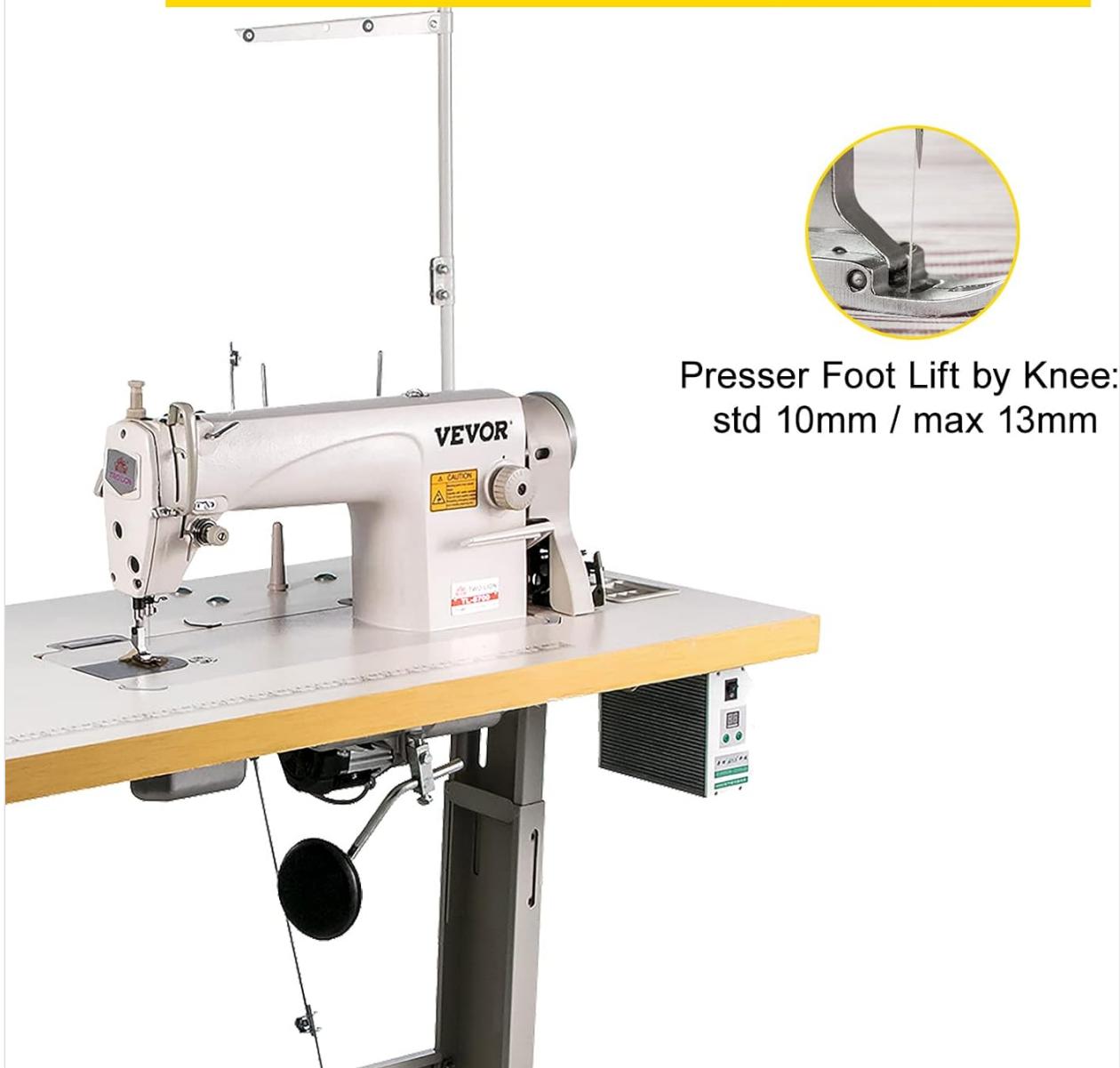
5. OPERATION

5.1. Basic Sewing

With the machine threaded and powered on, place your fabric under the presser foot. Lower the presser foot using the knee lifter (standard 10 mm lift, maximum 13 mm). Gently press the foot pedal to begin sewing. The servo motor provides precise speed control.

PROFESSIONAL STRAIGHT SEWING

Neat and exquisite stitches meet your daily needs



Presser Foot Lift by Knee:
std 10mm / max 13mm

Figure 4: Detail of the presser foot lift mechanism, indicating standard 10mm and maximum 13mm lift for professional straight sewing.

5.2. Stitch Length Adjustment

The machine allows for stitch length adjustment up to a maximum of 5 mm. Use the stitch dial on the machine head to select your desired stitch length. Refer to the product structure diagram for the location of the tension device and handwheel.



Figure 5: The stitch adjustment button, allowing for precise control of stitch length from 0 to 5 mm.

5.3. Bobbin Winding

To wind a bobbin, place an empty bobbin onto the bobbin winder spindle. Guide the thread from the spool through the tension disc of the winder. Engage the winder with the handwheel and operate the machine at a moderate speed until the bobbin is full.

6. MAINTENANCE

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

6.1. Cleaning

Periodically clean lint and thread debris from the bobbin area, feed dogs, and tension discs. Use a soft brush or lint remover. Disconnect power before cleaning.

6.2. Lubrication

The machine requires regular lubrication. Refer to the oil sight window on the machine head to monitor oil levels. Use #10 White Oil as specified. Consult a professional for detailed lubrication points if unsure.

PRODUCT STRUCTURE

Detail designs bring you an ultimate sewing experience

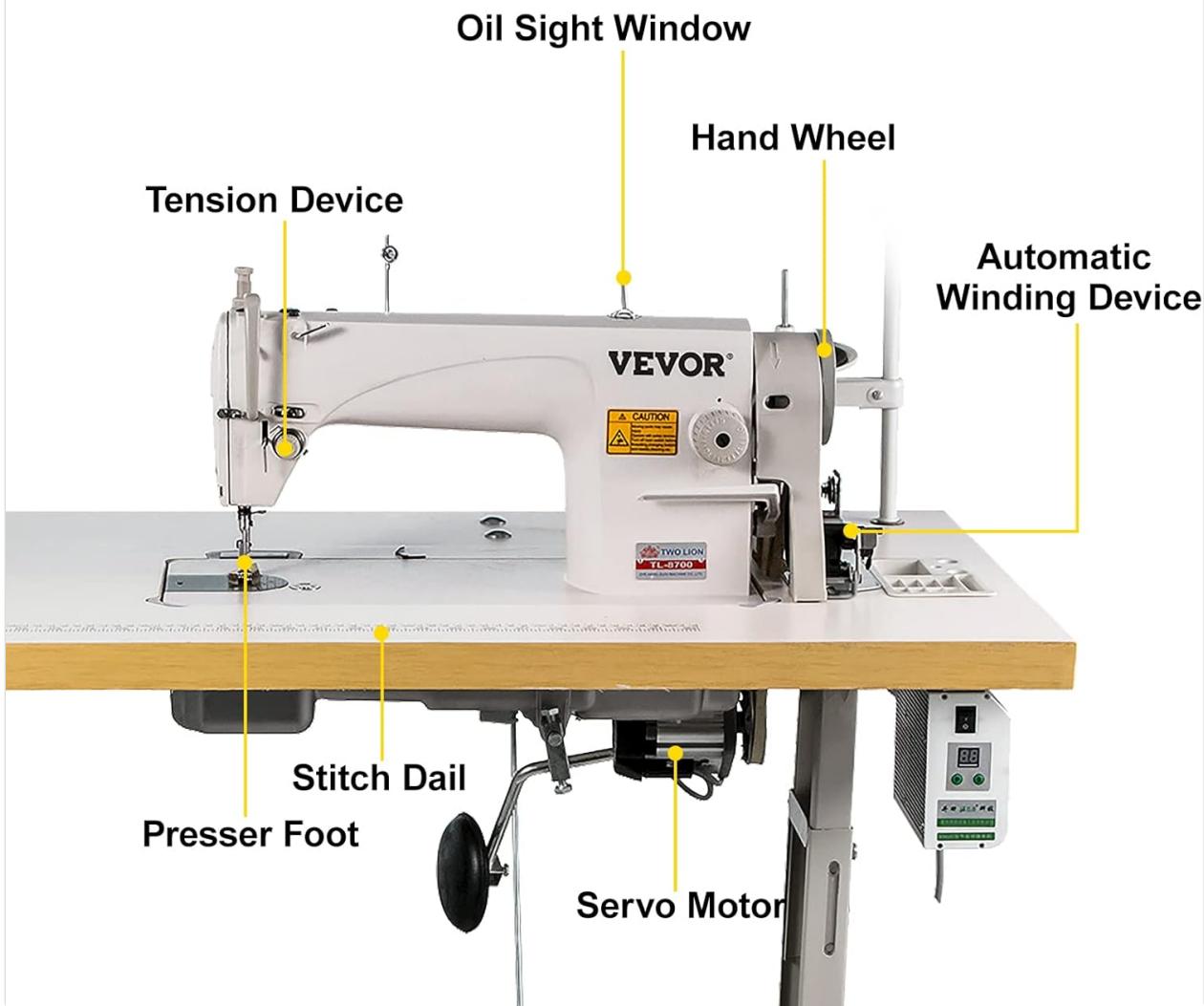


Figure 6: Product structure diagram, indicating the location of the oil sight window, tension device, handwheel, automatic winding device, stitch dial, presser foot, and servo motor.

7. TROUBLESHOOTING

If you encounter issues with your machine, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Skipped Stitches	Incorrect needle, bent needle, improper threading, incorrect tension.	Replace needle with correct type/size, re-thread machine, adjust tension.
Thread Breakage	High tension, poor quality thread, burrs on needle plate, incorrect needle.	Reduce tension, use quality thread, check for burrs, replace needle.
Uneven Stitches	Incorrect tension, worn feed dogs, improper presser foot pressure.	Adjust tension, clean feed dogs, adjust presser foot pressure.
Machine Not Starting	Power supply issue, motor connection, safety switch engaged.	Check power cord, ensure motor is connected, disengage safety switch.

Problem	Possible Cause	Solution
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For complex issues or repairs, it is recommended to contact a qualified technician or VEVOR customer support.

8. SPECIFICATIONS

Feature	Detail
Type	Industrial Sewing Machine
Model Number	DDL8700
Power	550W
Max Stitch Length	5 mm
Needle Type	DB x 1 11#, 14#, 16#
Sewing Speed	0-3500 s.p.m (stitches per minute)
Presser Foot Lift (Standard)	10 mm
Presser Foot Lift (Maximum)	13 mm
Lubricating Oil	#10 White Oil
Material Thickness	Medium Material
Product Dimensions	32 x 20 x 54 inches (81.28 x 50.8 x 137.16 cm)
Item Weight	166 pounds (75.3 kg)
Power Source	AC/DC

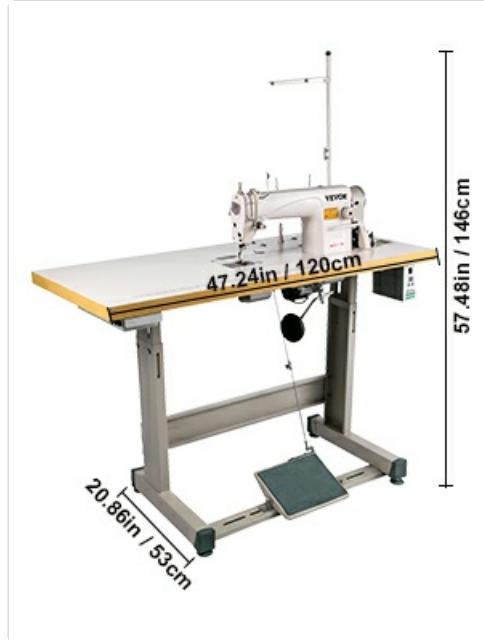


Figure 7: Detailed dimensions of the VEVOR Industrial Sewing Machine, including length, width, and height.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or to inquire about replacement parts, please contact VEVOR customer service directly. Refer to the official VEVOR website or your purchase documentation for contact details.