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› Singer Heavy Duty HD 6705C Computerized Sewing Machine User Manual

Singer Heavy Duty HD6705

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Model: Heavy Duty HD6705

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, setup, maintenance, and troubleshooting of your Singer Heavy Duty HD 6705C Computerized Sewing Machine. Please read this manual thoroughly before using the machine to ensure proper function and to familiarize yourself with all its features.



Figure 1: Singer Heavy Duty HD 6705C Sewing Machine with various presser feet, bobbins, and other accessories.

1. Unpacking and Placement

- Carefully remove the machine from its packaging.
- Place the machine on a stable, flat surface.
- Ensure adequate lighting and space for comfortable operation.

2. Power Connection

- Connect the foot pedal to the machine's foot control jack.
- Plug the power cord into the machine's power inlet, then into a suitable electrical outlet.
- Use the power switch to turn the machine on.



Figure 2: Rear-side view of the sewing machine, illustrating the power input and foot pedal connection points.

3. Bobbin Winding

- Place a spool of thread on the spool pin.
- Follow the indicated path for bobbin winding, ensuring the thread is securely guided.
- Place an empty bobbin onto the bobbin winder spindle and push it to the right.
- Press the foot pedal to wind the bobbin. Stop when the bobbin is full.

4. Threading the Machine

- Raise the presser foot lifter.

- Follow the numbered threading path from the spool pin to the needle.
- Utilize the automatic needle threader for convenience.
- Insert the wound bobbin into the bobbin case, ensuring the thread feeds correctly.

5. Needle Installation

- Ensure the machine is turned off.
- Loosen the needle clamp screw.
- Insert a new needle with the flat side facing the back of the machine.
- Push the needle up as far as it will go, then tighten the needle clamp screw.

OPERATING INSTRUCTIONS

1. Power On/Off

Locate the power switch on the side of the machine to turn it on or off. The LCD screen will illuminate upon power-on.

2. Stitch Selection and Adjustment

- The machine offers 411 sewing applications, including 129 decorative stitches, 7 one-step automatic buttonholes, and 1 alphabet.
- Use the touch buttons on the control panel to select your desired stitch.
- The LCD screen displays stitch parameters such as length and width. Use the '+' and '-' buttons to adjust these settings.
- You can store stitch sequences for repeated use.



Figure 3: Detailed view of the LCD screen and control panel, showing stitch length and width adjustments.



Figure 4: The stitch pattern card, which slides out from the machine, displaying available stitch types and their corresponding numbers.

3. Sewing Speed Control

- The machine offers a variable speed control, allowing up to 1100 stitches per minute.
- Adjust the speed slider to match your comfort level and project requirements.

4. Needle Up/Down Function

- Use the needle up/down button to program the needle to stop in either the up or down position when you cease sewing. This is useful for pivoting fabric.

5. Reinforced Needle Penetration

The enhanced needle penetration power allows the machine to sew through multiple layers of thick fabrics such as denim and leather with ease. Ensure you use the correct needle type and size for the fabric being sewn.

MAINTENANCE

1. Cleaning

- **Lint and Dust:** Regularly remove the needle plate and bobbin case to clean out lint and dust accumulation using a small brush or vacuum cleaner.
- **Exterior:** Wipe the exterior of the machine with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.

2. Needle Replacement

- Replace needles frequently, especially when working on new projects or if the needle shows signs of bending or dullness. A dull needle can cause skipped stitches and fabric damage.

- Refer to the "Needle Installation" section under Setup for proper replacement procedure.

3. Lubrication

This computerized sewing machine is designed to be self-lubricating in most areas. Refer to the full instruction manual (if provided separately) for specific lubrication points, if any, and recommended lubricants. Avoid over-oiling.

TROUBLESHOOTING

Before contacting customer support, review the following common issues and their solutions.

Problem	Possible Cause	Solution
Skipped Stitches	Incorrect needle, bent needle, improper threading, wrong needle size for fabric.	Replace needle with a new, correct type/size. Re-thread the machine completely. Ensure bobbin is correctly inserted.
Thread Breaking	Improper threading, tension too tight, poor quality thread, bent/dull needle, burrs on needle plate.	Re-thread both upper and bobbin threads. Adjust tension. Use good quality thread. Replace needle. Check for burrs.
Fabric Jamming/Puckering	Incorrect presser foot, incorrect stitch length, tension issues, fabric not fed smoothly.	Ensure correct presser foot is used. Adjust stitch length. Check tension settings. Guide fabric gently without pulling.
Machine Not Starting	Power cord not connected, power switch off, foot pedal not connected.	Check power cord connection. Ensure power switch is on. Verify foot pedal connection.

SPECIFICATIONS

Feature	Detail
Brand	Singer
Model Number	Heavy Duty HD6705
Dimensions (L x W x H)	50 x 50 x 28 cm (19.7 x 19.7 x 11 inches)
Item Weight	7.5 Kilograms (16.5 lbs)
Color	Grey
Material Type	Metal
Sewing Applications	411 (including 129 decorative stitches, 7 one-step buttonholes, 1 alphabet)
Max Sewing Speed	1100 stitches per minute
Power Source	Corded Electric
Year of Manufacture	2018



Figure 5: Diagram illustrating the dimensions of the Singer Heavy Duty HD 6705C sewing machine (52cm length, 29cm width, 36cm height).

WARRANTY INFORMATION

The manufacturer provides a 2-year availability for spare parts for this product. For detailed warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official Singer website.

CUSTOMER SUPPORT

Should you encounter any issues not covered in this manual or require further assistance, please contact Singer customer support. You can typically find contact information on the official Singer website or in the documentation provided with your machine.

For additional resources, including video tutorials and FAQs, please visit the official Singer support page.

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