

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [SINGER](#) /

› [SINGER S14-78 Serger Overlock Machine User Manual](#)

SINGER S14-78

SINGER S14-78 Serger Overlock Machine User Manual

Model: S14-78 | Brand: SINGER

INTRODUCTION

The SINGER S14-78 Serger Overlock Machine is designed to provide professional-quality finishes for your sewing projects. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your machine to ensure optimal performance and longevity.

This serger offers 2, 3, and 4 thread stitch capability, allowing for a wide range of options including professional seams, decorative edges, and rolled hems. Its features, such as the differential feed and free arm, enhance versatility and ease of use for various fabric types and project complexities.

WHAT'S INCLUDED

Upon unboxing your SINGER S14-78 Serger, verify that all components are present:

- Needle pack including two needles, size #14/90 (SINGER® Overlock needles #2022)
- Universal Sewing Foot
- Screwdriver
- Tweezers
- Allen key to change needles
- 2-thread overlock converter
- Foot Control
- Dust Cover



Image: The SINGER S14-78 Serger machine displayed with its included accessories, such as needles, screwdriver, tweezers, and foot control, laid out on a surface.

SETUP

Unpacking and Placement

Carefully remove the serger from its packaging. Place the machine on a stable, flat surface, ensuring adequate space for fabric movement and accessory storage. Connect the foot control and power cord to the machine and a suitable power outlet.



Image: The SINGER S14-78 Serger machine positioned on a wooden sewing table, surrounded by spools of red thread, a plant, and a mannequin, illustrating a typical setup environment.

Threading the Machine

The SINGER S14-78 features color-coded threading guides to simplify the process. Follow the numbered and colored paths indicated on the machine for each thread. Proper threading is crucial for correct stitch formation.



Image: A close-up view of the SINGER S14-78 Serger's internal threading diagram, showing color-coded paths and numbered steps for precise thread placement.

For detailed visual instructions on threading, refer to the official user manual PDF available online or consult the threading diagrams directly on the machine.



Image: The SINGER S14-78 Serger machine with four spools of gray thread mounted on its stand, ready for operation, showcasing its compact design.

OPERATING THE MACHINE

Stitch Capability and Selection

The S14-78 offers 2, 3, and 4 thread stitch capabilities. This versatility allows for various stitch types, including overlock seams, rolled hems, and decorative edges. Adjust the thread tension dials according to the fabric type and desired stitch.



Image: A close-up of the SINGER S14-78 Serger's thread tension dials, clearly showing the numbered settings and color-coded indicators for each thread, allowing for precise adjustments.

Differential Feed Adjustment

The differential feed feature helps prevent puckering on lightweight fabrics and stretching on knit fabrics. Adjust the differential feed dial to match your fabric's characteristics. This ensures smooth, even seams.



Image: A close-up of the SINGER S14-78 Serger's differential feed and stitch length dials, with clear markings for adjusting fabric feeding to prevent stretching or puckering.

Using the Free Arm

The built-in free arm is ideal for sewing small, tubular items like cuffs, sleeves, and pant hems. Simply slide off the accessory tray to expose the free arm, providing easier access and control for these intricate areas.



Image: The SINGER S14-78 Serger machine with its free arm attachment separated, demonstrating how it can be removed to facilitate sewing of cylindrical items like cuffs and sleeves.

Sewing Speed

The S14-78 operates at a high speed of 1200 stitches per minute, allowing for efficient completion of projects. Control the speed using the foot pedal.



Image: A close-up view of the SINGER S14-78 Serger's presser foot and needle area, highlighting the precision and speed at which fabric is fed and stitched.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your SINGER S14-78 Serger.

Cleaning

After each use, remove lint and thread scraps from the looper area, under the needle plate, and around the feed dogs using a lint brush. Periodically, open the side cover to clean any accumulated lint from the internal mechanisms. Avoid using compressed air, as it can push lint further into the machine.

Lubrication

Refer to the official user manual for specific lubrication points and recommended oil. Generally, a few drops of high-quality sewing machine oil are applied to moving metal parts as indicated in the manual.

Needle Replacement

Replace needles regularly, especially when working on new projects or if stitches appear uneven. Use SINGER® Overlock needles #2022, size #14/90, as specified. Use the provided Allen key for needle changes.

TROUBLESHOOTING

This section addresses common issues you might encounter with your SINGER S14-78 Serger.

Problem	Possible Cause	Solution
Skipped Stitches	Incorrect needle insertion, bent or dull needle, improper threading, incorrect tension.	Reinsert needle correctly, replace needle, rethread machine, adjust tension.
Thread Breakage	Incorrect threading, too much tension, poor quality thread, burrs on thread path, bent needle.	Rethread machine, reduce tension, use quality thread, check for burrs, replace needle.
Fabric Puckering/Stretching	Incorrect differential feed setting, incorrect tension for fabric type.	Adjust differential feed, adjust tension.
Machine Not Feeding Fabric	Feed dogs lowered, lint accumulation in feed dogs, presser foot not lowered.	Raise feed dogs, clean feed dogs, lower presser foot.

If issues persist, refer to the comprehensive troubleshooting guide in the official SINGER S14-78 user manual or contact SINGER customer support.

SPECIFICATIONS

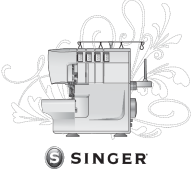

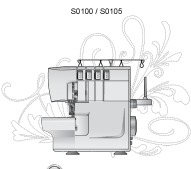

- Model:** S14-78 (14T968DC)
- Brand:** SINGER
- Stitch Capability:** 2-3-4 Thread
- Sewing Speed:** 1200 Stitches/Minute
- Features:** Differential Feed, LED Light, Free Arm
- Product Dimensions:** 13.2 x 11.25 x 12.4 inches (D x W x H)
- Item Weight:** 13.89 pounds
- Color:** White
- Country of Origin:** Vietnam
- UPC:** 840163304511

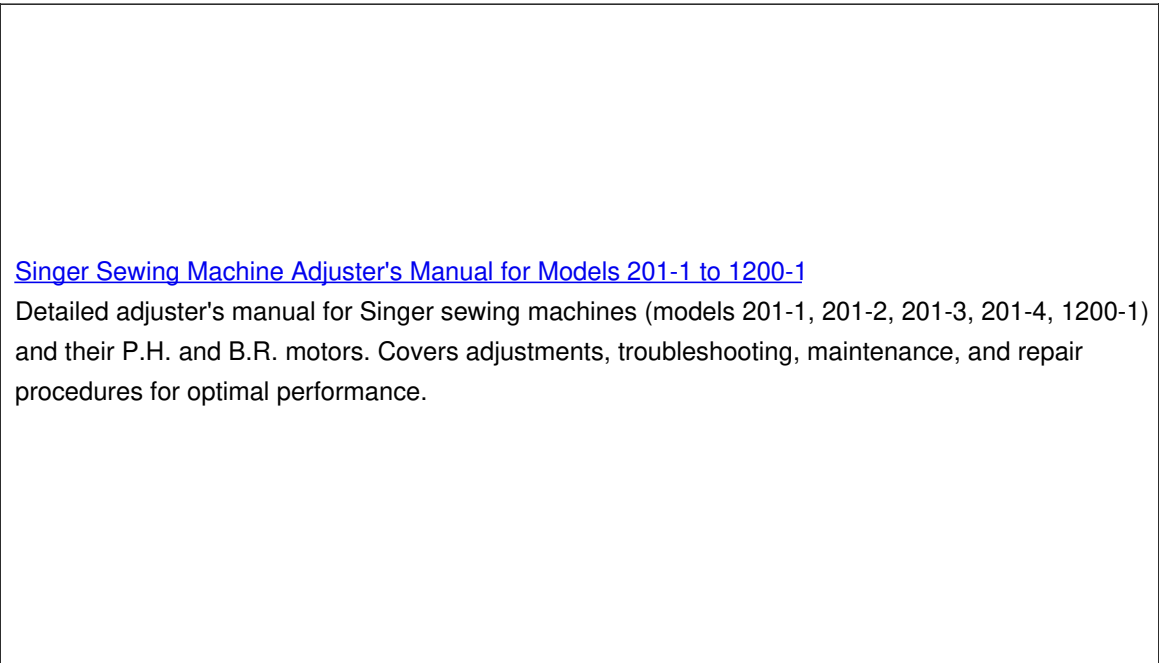
WARRANTY AND SUPPORT

For warranty information, product registration, and technical support, please visit the official SINGER website or refer to the warranty card included with your purchase. The official user manual provides detailed contact information and support resources.

You can download the official User Manual (PDF) for the SINGER S14-78 Serger from the following link [SINGER S14-78 User Manual PDF](#).

Related Documents - S14-78

<div>INSTRUCTION MANUAL</div> <div>S0100 / S0105</div> <div></div> <div>SINGER</div>	<p>Singer S0100/S0105 Instruction Manual: Operation, Maintenance, and Troubleshooting</p> <p>Comprehensive instruction manual for the Singer S0100 and S0105 overlock sewing machines, covering safety, operation, maintenance, troubleshooting, and stitch settings.</p>
<div>INSTRUCTION MANUAL</div> <div>S0100 / S0105</div> <div></div> <div>SINGER</div>	<p>SINGER S0100 / S0105 Overlock Sewing Machine Instruction Manual</p> <p>Comprehensive instruction manual for the SINGER S0100 and S0105 overlock sewing machines, covering essential safety precautions, setup, operation, threading, stitch settings, maintenance, and troubleshooting.</p>
<div>INSTRUCTION MANUAL</div> <div>S0100 / S0105</div> <div></div> <div>SINGER</div>	<p>Singer S0100/S0105 Overlock Sewing Machine Instruction Manual</p> <p>Comprehensive instruction manual for the Singer S0100 and S0105 overlock sewing machines, covering setup, operation, maintenance, troubleshooting, and stitch settings.</p>
<div>SINGER® HD6380</div> <div>English</div> <div></div> <div>English</div>	<p>SINGER HD6380 Sewing Machine Stitch Guide</p> <p>A comprehensive guide to various sewing machine stitches and their applications for the SINGER HD6380 model, including straight, zigzag, multi-step zigzag, blind hem, picot hem, decorative, straight stretch, reinforced zigzag, honeycomb, overlock, slant overedge, and bartack buttonhole stitches. Learn about techniques like seaming, quilting, topstitching, darning, applique, gathering, pleating, zipper insertion, hemming, couching, and attaching trims.</p>



Detailed adjuster's manual for Singer sewing machines (models 201-1, 201-2, 201-3, 201-4, 1200-1) and their P.H. and B.R. motors. Covers adjustments, troubleshooting, maintenance, and repair procedures for optimal performance.

[SINGER HD6380 Sewing Machine Stitch Applications Guide](#)

A comprehensive guide to 110 stitch applications for the SINGER HD6380 sewing machine, covering straight, zigzag, multi-step zigzag, blind hem, picot hem, decorative, overlock, and bartack buttonhole stitches for various sewing projects and fabric types.



A comprehensive guide to 110 stitch applications for the SINGER HD6380 sewing machine, covering straight, zigzag, multi-step zigzag, blind hem, picot hem, decorative, overlock, and bartack buttonhole stitches for various sewing projects and fabric types.