

## SINGER 14HD854

# SINGER® 14HD854 Heavy Duty Serger User Manual

Model: 14HD854 | Brand: SINGER

## INTRODUCTION

This manual provides comprehensive instructions for the SINGER® 14HD854 Heavy Duty Serger. It covers everything from initial setup and operation to maintenance and troubleshooting, ensuring you get the most out of your machine. Designed for durability and high performance, this serger is ideal for achieving professional-quality seams and finishes on a variety of fabrics.



Image: Front view of the SINGER 14HD854 Heavy Duty Serger, showcasing its robust design and the four spools of colorful thread ready for use.

## SETUP

### Unpacking and Placement

Carefully remove the serger from its packaging. Place the machine on a stable, flat surface with adequate space for fabric handling.

### Power Connection

Connect the power cord to the machine and then to a suitable electrical outlet.

### Threading the Machine

The SINGER 14HD854 features a color-coded threading system for ease of use. Follow the diagrams provided on the machine and in this manual for correct threading.



Image: Top view of the serger, highlighting the color-coded guides that simplify the threading process for each of the four threads.



Image: Side view of the SINGER 14HD854 Serger, illustrating the path of the threads from the spools through the tension discs and guides.

#### **Steps for Threading:**

1. Raise the presser foot and needle bar to their highest positions.
2. Follow the color-coded guides for each thread, starting with the upper looper, then the lower looper, and finally the needles.
3. Ensure threads are seated correctly in tension discs.
4. Pull threads through the needle eyes from front to back.

## **OPERATING INSTRUCTIONS**

## Basic Stitching

The SINGER 14HD854 offers 2, 3, or 4-thread options for various stitch types, including blind hems, rolled hems, flatlocking, and finishing raw edges.



Image: The serger in action, demonstrating its ability to sew and finish seams on red fabric.

### Adjusting Stitch Length and Width:

- **Adjustable Stitch Length:** Customize stitch appearance by increasing or decreasing the distance between stitches. Useful for various techniques like applique and basting.
- **Adjustable Stitch Width:** Modify the stitch size from left to right to make it narrower or wider as needed.

## Differential Feed

The fully adjustable differential feed ensures an even feed of fabric, preventing stretching or puckering, especially on stretch or bias-cut fabrics. Adjust as needed for different fabric types.



Image: The serger processing black fabric, showing the precise and even stitching achieved.

## Cutting Knife

The serger features a 60% larger cutting knife for easily cutting through thicker fabrics. The upper knife can be disengaged to prevent trimming when not desired.



Image: A close-up view of the needle and cutting mechanism, illustrating the precision of the serger's operation.





Image: A detailed view of a perfectly finished seam on black fabric, demonstrating the high-quality output of the serger.

## MAINTENANCE

### Cleaning

Regularly clean lint and fabric scraps from the machine, especially around the looper area and under the needle plate. Use the included lint brush. The scrap bag helps contain debris.

### Lubrication

Refer to the detailed lubrication points in the full manual (not provided here) for optimal performance. Use only sewing machine oil.

### Needle Replacement

Replace needles regularly, especially when working with different fabric types or if stitches appear uneven. Use the correct type and size of needles for sergers.

## TROUBLESHOOTING

This section addresses common issues you might encounter.



Problem	Possible Cause	Solution
Skipped Stitches	Incorrect threading, bent needle, wrong needle type, improper tension.	Re-thread machine, replace needle, use correct needle, adjust tension.
Thread Breakage	Incorrect threading, high tension, poor quality thread, burrs on thread path.	Check threading, reduce tension, use quality thread, inspect thread path for damage.
Fabric Puckering/Stretching	Incorrect differential feed setting, improper tension.	Adjust differential feed, fine-tune tension settings.

## SPECIFICATIONS

- **Model:** SINGER 14HD854 Heavy Duty Serger
- **Stitch Speed:** Up to 1,300 stitches per minute
- **Thread Capability:** 2-3-4 thread options
- **Built-In Stitches:** 8 stitch types
- **Cutting Knife:** 60% larger than other SINGER sergers, movable upper knife
- **Frame:** Heavy duty metal frame
- **Lighting:** Two LED lights
- **Dimensions:** 14 x 11 x 11.5 inches
- **Item Weight:** 13.46 pounds
- **Included Components:** Tweezers, Spreader, Needles, Screwdriver, 4 Spool Holders, Spare Lower Knife, Scrap Bag, Lint Brush

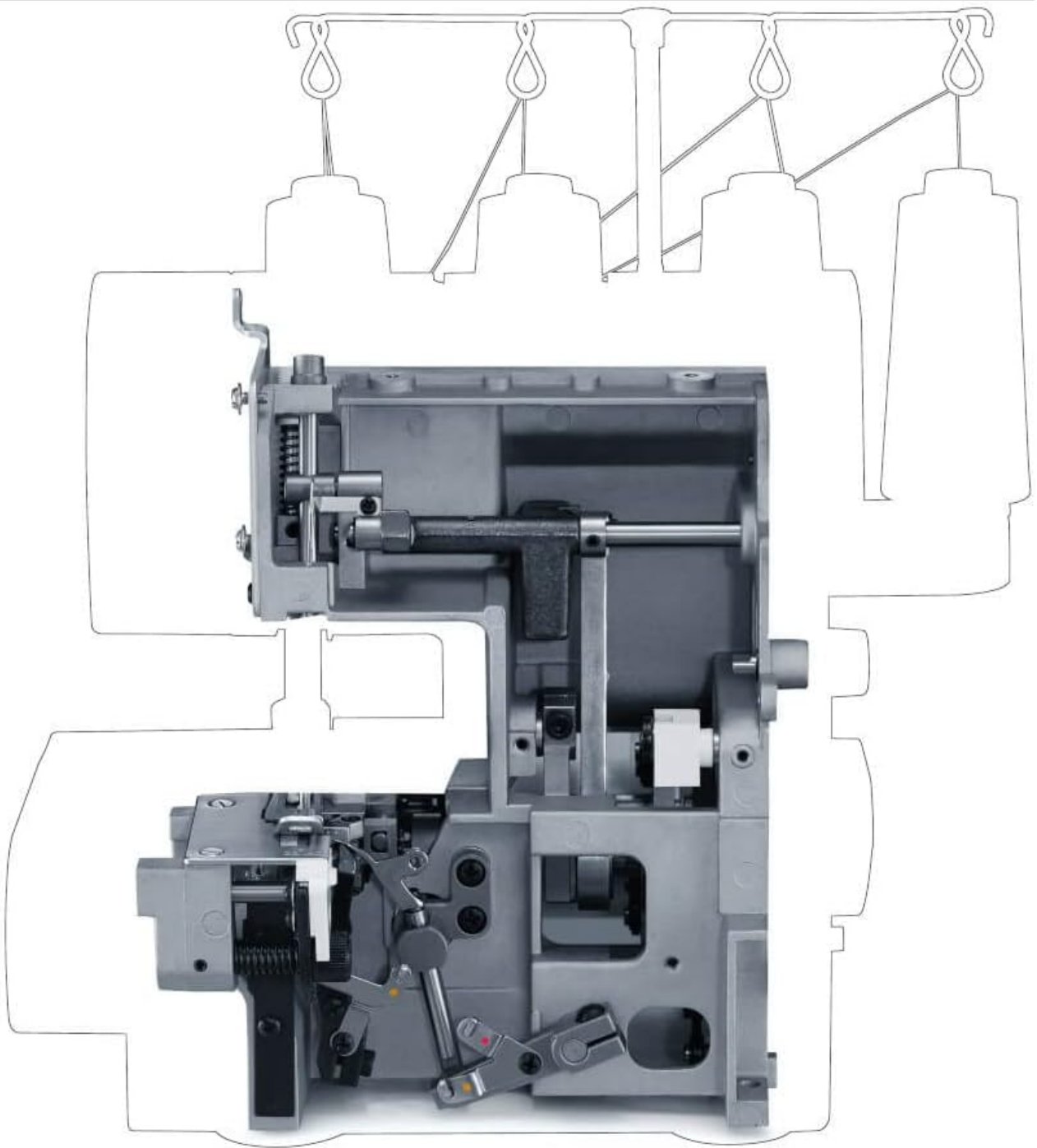


Image: An internal diagram of the serger's mechanism, illustrating the robust construction and key components.

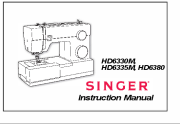



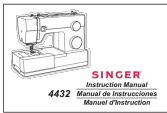
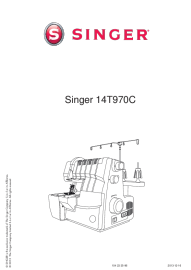
## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official SINGER website or contact SINGER customer service directly. Keep your purchase receipt as proof of purchase.

**Online Resources:** Visit the official SINGER website for FAQs, video tutorials, and downloadable manuals.

**Contact Support:** Details for contacting SINGER customer support can typically be found on their official website or in the documentation included with your product.

## Related Documents - 14HD854

	<p><a href="#">Singer Heavy Duty HD6330M, HD6335M, HD6380 Sewing Machine Instruction Manual</a></p> <p>Comprehensive instruction manual for Singer Heavy Duty HD6330M, HD6335M, and HD6380 sewing machines, covering safety, operation, threading, stitching, accessories, and troubleshooting for optimal performance.</p>
	<p><a href="#">SINGER HD6335M Heavy Duty Sewing Machine User Manual</a></p> <p>Comprehensive user manual for the SINGER HD6335M Heavy Duty sewing machine, covering safety instructions, machine description, threading, sewing operations, maintenance, and troubleshooting.</p>
	<p><a href="#">Singer 500A Sewing Machine Parts List and Diagrams</a></p> <p>Explore the official parts list and detailed diagrams for the Singer 500A sewing machine, including electrical components for related models. Find part numbers for maintenance and repair.</p>
	<p><a href="#">Singer 6199/6180/6160 Dikiş Makinesi Kullanım Kılavuzu</a></p> <p>Singer 6199, 6180 ve 6160 ev tipi dikiş makineleri için kapsamlı kullanım kılavuzu. Bu belge, makinenin güvenli kurulumu, tüm dikiş fonksiyonlarının kullanımı, düzenli bakım ve sorun giderme adımları hakkında detaylı bilgiler sunar.</p>
	<p><a href="#">Singer 4432 Heavy Duty Instruction Manual - User Guide</a></p> <p>Comprehensive instruction manual for the Singer 4432 Heavy Duty sewing machine, covering setup, operation, maintenance, and troubleshooting. Learn to use your SINGER sewing machine effectively.</p>
	<p><a href="#">Singer 14T970C Serger Overlock Sewing Machine Parts List and Diagrams</a></p> <p>Comprehensive parts list and detailed diagrams for the Singer 14T970C serger/overlock sewing machine. Find part numbers, descriptions, and assembly views for all components.</p>