

## Jack JK-5559F-W

# Jack 5559F-W Computerized Auto Thread Trimmer Single Needle Lockstitch Sewing Machine

## User Instruction Manual

### 1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, setup, maintenance, and troubleshooting of your Jack 5559F-W Computerized Auto Thread Trimmer Single Needle Lockstitch Sewing Machine. Please read this manual thoroughly before using the machine to ensure proper function and longevity.

The Jack 5559F-W is an advanced industrial sewing machine designed for precision stitching with features like automatic thread trimming, single-needle lockstitch capability, and computerized controls for enhanced productivity and ease of use.

### 2. SAFETY INSTRUCTIONS

Always adhere to the following safety guidelines to prevent injury and damage to the machine:

- **Power Off:** Always disconnect the machine from the power supply before cleaning, lubricating, or performing any maintenance.
- **Eye Protection:** Wear appropriate eye protection when operating the machine, especially during high-speed sewing.
- **Hand Placement:** Keep hands and fingers away from the needle, presser foot, and other moving parts during operation.
- **Stable Surface:** Ensure the machine is placed on a stable, level surface to prevent tipping or vibration during use.
- **Ventilation:** Operate the machine in a well-ventilated area.
- **Children and Pets:** Keep children and pets away from the machine during operation and when it is plugged in.
- **Original Parts:** Use only original or recommended replacement parts and accessories.
- **Qualified Personnel:** Repairs and complex adjustments should only be performed by qualified service technicians.

## 3. SETUP

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### 3.1 Unpacking and Placement

Carefully remove the machine from its packaging. Place the machine on a sturdy, flat table or stand designed for industrial sewing machines. Ensure there is adequate space around the machine for comfortable operation and material handling.

### 3.2 Power Connection

Connect the power cord to the machine and then to a grounded electrical outlet. Verify that the voltage matches the machine's requirements. Do not use extension cords unless absolutely necessary, and ensure they are rated for the machine's power consumption.

### 3.3 Needle Installation

1. Turn off the machine and disconnect from power.
2. Loosen the needle clamp screw.
3. Insert the new needle with the flat side facing the back of the machine, pushing it up as far as it will go.
4. Tighten the needle clamp screw securely.

### 3.4 Threading the Machine

Follow the numbered thread guides on the machine. Ensure the thread passes through all tension discs, take-up lever, and needle eye correctly. Incorrect threading can lead to skipped stitches or thread breakage.

### 3.5 Bobbin Winding and Insertion

Wind the bobbin evenly using the bobbin winder. Insert the wound bobbin into the bobbin case, ensuring the thread feeds smoothly. Place the bobbin case into the shuttle hook assembly under the needle plate.



Figure 1: Overview of the Jack 5559F-W Sewing Machine. This image displays the main body of the machine, highlighting the needle area, control panel, and handwheel.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Basic Controls

The control panel features buttons for power, speed adjustment, stitch length, and auto thread trimming. Refer to the specific icons on the panel for their functions. The digital display shows current settings.

### 4.2 Starting and Stopping

Turn on the machine using the power switch. Use the foot pedal to control the sewing speed. Press the heel of your foot down on the pedal to activate the auto thread trimmer and lift the presser foot (if configured).

### 4.3 Stitch Length Adjustment

Adjust the stitch length using the dedicated buttons on the control panel. Increase the value for longer stitches and decrease for shorter stitches. Test on scrap fabric to find the desired length.

### 4.4 Auto Thread Trimming

The machine is equipped with an automatic thread trimming function. This feature can be activated via a button on the control panel or by a specific action on the foot pedal (e.g., pressing the heel down). This cuts both the needle and bobbin threads at the end of a seam.

### 4.5 Reverse Stitching

To reinforce seams, use the reverse stitch button. Hold the button down to sew backward, and release to resume forward stitching.

## 4.6 Thread Tension Adjustment

Proper thread tension is crucial for balanced stitches. Adjust the upper thread tension dial as needed. For balanced stitches, the upper and lower threads should meet evenly between the fabric layers. Adjust the bobbin tension screw slightly if the lower thread tension needs fine-tuning.

## 5. MAINTENANCE

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

### 5.1 Cleaning

- **Lint and Dust:** Regularly remove lint and dust from the bobbin case area, feed dogs, and needle plate using a small brush or vacuum cleaner.
- **Surface Cleaning:** Wipe the exterior surfaces of the machine with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

### 5.2 Lubrication

Refer to the machine's specific lubrication points indicated in the detailed diagram (if provided with the physical manual). Use only high-quality sewing machine oil. Lubricate regularly based on usage, typically every 8-10 hours of operation for industrial machines.

### 5.3 Needle Replacement

Replace the needle frequently, especially when sewing different types of fabric, or if it becomes bent, dull, or damaged. A dull needle can cause skipped stitches, fabric damage, and thread breakage.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter and their potential solutions.

Problem	Possible Cause	Solution
Machine not turning on	No power, loose connection, power switch off	Check power cord, outlet, and power switch.
Skipped stitches	Incorrect needle, bent needle, improper threading, incorrect tension	Replace needle, re-thread machine, adjust tension.
Thread breakage	High tension, poor quality thread, burrs on thread path, incorrect needle	Reduce tension, use quality thread, check thread path for rough spots, replace needle.
Uneven stitching	Incorrect tension, dull needle, feed dog issues	Adjust tension, replace needle, clean feed dogs.
Noise or vibration	Lack of lubrication, loose parts, foreign object	Lubricate machine, check for loose screws, remove any obstructions.

If the problem persists after attempting these solutions, please contact a qualified service technician or the manufacturer's support.

## 7. SPECIFICATIONS

The following table outlines the key specifications for the Jack 5559F-W Computerized Auto Thread Trimmer Single Needle Lockstitch Sewing Machine:

Specification	Value
Model	JK-5559F-W
Manufacturer	Jack
Package Dimensions	100 x 100 x 100 cm
Item Weight	20 Kilograms
Color	Multicolour
Country of Origin	China
Date First Available	7 July 2025

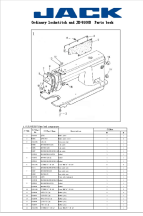

## 8. WARRANTY AND SUPPORT


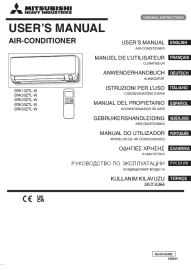

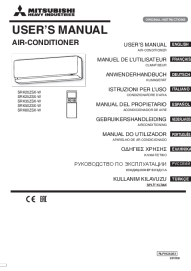
For warranty information, please refer to the warranty card included with your purchase or contact the seller, Sokkar Mecca for Industrial Sewing Machine. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

For technical support, spare parts, or service inquiries, please contact your authorized Jack dealer or the seller directly. Provide your machine's model number (JK-5559F-W) and serial number (if applicable) when seeking assistance.

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### Related Documents - JK-5559F-W

	<p><a href="#">JACK JK-9100B Ordinary Lockstitch Sewing Machine Parts Book</a></p> <p>Detailed parts catalog for the JACK JK-9100B Ordinary Lockstitch Sewing Machine, featuring diagrams and part numbers for various assemblies including arm bed, main shaft, feed mechanism, lubrication, and more. Also references parts for models JK-5550, JK-8900, JK-8800, JK-608, JK-609, JK-6090, and SHIRLEYIB.</p>
	<p><a href="#">Jack F4 Power Saving Lockstitch Sewing Machine Operation Manual</a></p> <p>This manual provides detailed instructions for the installation, operation, and maintenance of the Jack F4 power-saving lockstitch sewing machine. It covers threading, tension adjustments, lubrication, pedal operation, and troubleshooting.</p>

 <p>JACK 杰克   品牌 服务热线: 400-6033377</p> <p>产品使用说明书 Manual book</p> <p>JK-T1900G</p>	<p><a href="#">JACK JK-T1900G 201Bar-tacking and Button Sewing Machine User Manual</a></p> <p>A comprehensive user manual for the JACK JK-T1900G industrial sewing machine, detailing operation, pattern settings, parameter adjustments, troubleshooting, and maintenance for 201Bar-tacking and button sewing.</p>
 <p>MITSUBISHI USER'S MANUAL AIR-CONDITIONER</p> <p>USER'S MANUAL MANUEL DE L'UTILISATEUR ANWISERUNG ISTRUZIONI PER L'USO MANUAL DEL PROPIETARIO GEBRAUCHERHANDBUCH MANUAL DO UTILIZADOR ANWISERUNG COMETEE SPICHI PYYKIOCTOCTO KULLANNAKJÁRÚK C E E</p>	<p><a href="#">Mitsubishi Heavy Industries Air Conditioner User Manual   SRK/SRC ZTL-W Series</a></p> <p>Comprehensive user manual for Mitsubishi Heavy Industries SRK/SRC ZTL-W series air conditioners, covering safety precautions, installation, operation modes, remote control functions, maintenance, troubleshooting, and self-diagnosis.</p>
 <p>VEVOR®</p> <p>SEWING MACHINE USER MANUAL</p>	<p><a href="#">VEVOR JK-9803 Sewing Machine User Manual</a></p> <p>Comprehensive user manual for the VEVOR JK-9803 sewing machine, covering safety instructions, installation, operation, adjustments, and troubleshooting.</p>
 <p>MITSUBISHI USER'S MANUAL AIR-CONDITIONER</p> <p>USER'S MANUAL MANUEL DE L'UTILISATEUR ANWISERUNG ISTRUZIONI PER L'USO MANUAL DEL PROPIETARIO GEBRAUCHERHANDBUCH MANUAL DO UTILIZADOR ANWISERUNG COMETEE SPICHI PYYKIOCTOCTO KULLANNAKJÁRÚK C E E</p>	<p><a href="#">Mitsubishi Heavy Industries Air Conditioner User Manual - SRK/SRC Series</a></p> <p>Comprehensive user manual for Mitsubishi Heavy Industries Split Type Air Conditioners, covering operation, safety, remote control, maintenance, troubleshooting, and EU compliance for models SRK20ZSX-W, SRK25ZSX-W, SRK35ZSX-W, SRK50ZSX-W, SRK60ZSX-W.</p>