## SINGER M3220

# SINGER M3220 Sewing Machine User Manual

Model: M3220 | Brand: SINGER

### Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your SINGER M3220 Sewing Machine. Designed for ease of use, the M3220 offers a modern design with essential features for various sewing projects, from basic repairs to decorative stitching.

### Key Features

- **108 Stitch Applications:** Suitable for a wide range of fabrics and projects, including basic, stretch, and decorative stitches.
- **Easy One-Step Buttonhole:** Achieve consistent and perfectly sized buttonholes with minimal effort.
- **Fast Drop & Sew Bobbin Placement:** Simplifies bobbin loading and thread pick-up, with a transparent cover for monitoring thread supply.
- **Generous Sewing Space:** Features a 5.7-inch sewing space (needle to tower) and 4.2-inch height, accommodating larger projects.
- **Recommended Bobbins:** Designed for use with SINGER Class 15 Transparent bobbins.
- **StayBright LED Lighting:** Illuminates the sewing area for clear visibility.
- **Heavy Duty Metal Frame:** Provides long-lasting durability and stability.

### Included Accessories

Your SINGER M3220 sewing machine comes with a comprehensive set of accessories, conveniently located in the storage area at the front of the machine. These accessories are designed to enhance your sewing experience and expand your creative possibilities.

- **Presser Feet:** General Purpose Foot, Buttonhole Foot, Button Sewing Foot, and Zipper Foot.
- **Bobbins:** Class 15 transparent bobbins.
- **Darning Plate:** For free-motion sewing and button attachment.
- **Pack of Needles:** Assorted needles for various fabric types.
- **Auxiliary Spool Pin:** For using larger spools or twin needle sewing.
- **Seam Ripper/Lint Brush:** Dual-purpose tool for corrections and maintenance.
- **Spool Cap:** To secure thread spools.
- **Edge/Quilting Guide:** For precise stitching along edges.

## Setup Instructions

### Unpacking and Initial Inspection

Carefully remove the machine from its packaging. Ensure all accessories listed in the previous section are present. Your machine will arrive pre-threaded for convenience.

### Power Connection

Connect the power cord to the machine and then to a suitable electrical outlet (110 Volts). Ensure the machine is placed on a stable, flat surface.

### Bobbin Winding and Insertion

The SINGER M3220 features a Drop&Sew Bobbin System. To wind a bobbin, follow the threading path indicated on the machine for bobbin winding. Once wound, drop the bobbin into the bobbin case. The transparent cover allows you to monitor your thread supply.
*Note: Use SINGER Class 15 Transparent bobbins for optimal performance.*

### Upper Threading

Follow the numbered threading guides on the machine for correct upper thread tension and path. Ensure the presser foot is raised when threading to allow the thread to seat properly in the tension discs.

## Operating Instructions

### Stitch Selection

The built-in stitches are clearly displayed on the Stitch Selector Dial. Simply turn the dial to select the desired stitch. The machine offers 108 stitch applications for various sewing needs.




Image: The SINGER M3220 Sewing Machine, highlighting the stitch selection dial on the right side of the machine body. This dial allows users to choose from various stitch patterns.

## Adjusting Stitch Length

Customize the appearance of your stitches by adjusting the stitch length dial. Increasing or decreasing the distance between stitches is useful for techniques like applique, basting, and gathering.




Image: The SINGER M3220 Sewing Machine, showing the stitch length dial located above the stitch selection dial. This dial controls the length of each stitch.

### One-Step Buttonhole

To create a buttonhole, attach the Buttonhole Foot and place your button into the foot. The machine will automatically sew a perfectly sized buttonhole in one easy step, ensuring consistent results.

### Reverse Stitching

Use the reverse lever to sew stitches in reverse. This function is typically used at the beginning and end of a seam to secure the stitches and prevent unraveling.

### Free Arm Sewing

Slide off the removable storage compartment to access the free arm. This feature is ideal for sewing tubular projects such as trouser hems, sleeve cuffs, and small children's clothing.




Image: The SINGER M3220 Sewing Machine, illustrating the area where the removable storage compartment can be detached to reveal the free arm, useful for circular sewing.

## Changing Presser Feet

The M3220 features snap-on presser feet, allowing for easy removal and attachment. Simply press the lever at the back of the presser foot holder to release the current foot, and snap the new one into place.




Image: A close-up of the SINGER M3220 Sewing Machine's needle and presser foot area, showing the mechanism for attaching and detaching snap-on presser feet.

## Maintenance

### Cleaning the Machine

Regular cleaning is essential for maintaining your sewing machine's performance. Use the provided lint brush to remove lint and dust from the bobbin area and feed dog teeth. Ensure the machine is unplugged before cleaning.

### Using the Darning Plate

The darning plate is used for free-motion sewing, such as stipple quilting, monograms, and sewing on buttons. Place the darning plate over the machine's feed teeth to prevent them from coming into contact with the fabric, allowing you to move the fabric freely.

## Troubleshooting

If you encounter issues with your SINGER M3220, consider the following common solutions before seeking professional assistance:

- **Skipped Stitches:** Check if the needle is inserted correctly and is not bent or dull. Ensure the correct needle type is used for your fabric. Re-thread the machine completely.

- **Thread Breaking:** Verify that the machine is threaded correctly, both upper and bobbin threads. Check for proper tension settings. Ensure the thread is not old or poor quality.
- **Bobbin Issues:** Make sure the bobbin is wound evenly and inserted correctly. Use only SINGER Class 15 Transparent bobbins.
- **Machine Not Feeding Fabric:** Check if the presser foot is lowered. Ensure the feed dogs are not disengaged (if applicable, though M3220 description doesn't mention feed dog drop lever explicitly, darning plate covers them).

For more detailed troubleshooting, refer to the online owner's class or the SINGER Sewing Assistant App.

## Technical Specifications

| Feature | Detail |
|---|---|
| Stitch Applications | 108 |
| Buttonhole Type | One-Step Automatic |
| Bobbin Type | Class 15 Transparent (Drop & Sew) |
| Sewing Space (Needle to Tower) | 5.7 inches |
| Height | 4.2 inches |
| Frame Construction | Heavy Duty Metal Frame |
| Lighting | StayBright LED |
| Machine Dimensions (L x W x H) | 16.4 x 7.4 x 13 inches |
| Machine Weight | 14 pounds |
| Electrical Requirements | 110 Volts, 0.5 Amps, 60 Watts |
| Model Number | M3220 |
| UPC | 037431892836 |

## Warranty and Support

### Warranty Information

The SINGER M3220 Sewing Machine comes with a 1-year warranty on electrical components and a 25-year warranty on the machine head. For complete warranty terms and conditions, please refer to the official SINGER website or the documentation included with your purchase.

### Online Owner's Class

SINGER provides an online owner's class to help you learn the basics of your machine. This resource covers essential topics such as correct threading, stitch selection, buttonhole creation, and needle changes. Access it anytime online.

### SINGER Sewing Assistant App

Enhance your learning experience with the SINGER Sewing Assistant App, available on Google Play and Apple App Store. This app provides guidance on machine parts, setup, threading, and stitch selection for various techniques.

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