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## Brother CS5055PRW

# Brother CS5055PRW Project Runway Computerized Sewing Machine Instruction Manual

MODEL: CS5055PRW

## Introduction

The Brother CS5055PRW Project Runway Computerized Sewing Machine is designed to provide an easy-to-use and reliable sewing experience. This machine offers a wide range of features suitable for various projects, from creating high-end fashions to everyday repairs and quilting. Its intuitive design, combined with advanced functionalities, makes it an excellent choice for both beginners and experienced sewers.



Figure 1: The Brother CS5055PRW Sewing Machine, a versatile tool for various sewing projects.

## Key Features

- **50 Unique Built-in Stitches:** Includes utility, decorative, heirloom, and quilting stitch functions, along with 5 auto-size buttonholes.
- **Automatic Needle Threader:** Effortlessly threads the needle, saving time and reducing eye strain.
- **Quick-Set Drop-in Top Bobbin:** A jam-resistant bobbin system that is easy to load and monitor thread supply.
- **LCD Screen:** Provides clear visibility for stitch selection and adjustments.
- **Exceptional Feed System:** Ensures smooth fabric feeding for precise stitch formation.
- **Lightweight & Portable:** Designed for easy transport and use on the go.
- **7 Included Sewing Feet:** A variety of specialty feet for different sewing tasks.

## Setup

### Unpacking and Initial Placement

Carefully remove the sewing machine from its packaging. Place the machine on a stable, flat surface with adequate lighting. Ensure there is enough space around the machine for comfortable operation.

### Power Connection

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

off before connecting or disconnecting the power cord.

## Threading the Machine

Proper threading is crucial for optimal performance. Follow the numbered guides on the machine for upper threading. The horizontal spool pin (Figure 2) helps ensure consistent feeding, especially with metallic or specialty threads.



*Figure 2: The horizontal spool pin, designed for smooth thread delivery.*

## Automatic Needle Threader

To use the automatic needle threader, ensure the needle is in its highest position. Gently pull down the threader lever and guide the thread as indicated by the machine's markings. Release the lever, and the needle will be threaded automatically. This feature significantly simplifies the threading process.

## Quick-Set Drop-in Bobbin

The Quick-Set drop-in bobbin system allows for easy bobbin loading. Simply drop a full bobbin into the bobbin case, follow the thread path, and close the cover. The clear bobbin cover allows you to monitor your thread supply at a glance.

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Video 1: Demonstration of the Brother CS5055PRW Sewing Machine's features, including the automatic needle threader and Quick-Set drop-in bobbin.

## Operating Instructions

### Stitch Selection

The machine features an LCD display and push-button controls for easy stitch selection. Refer to the stitch chart on the machine's front panel to choose from 50 built-in stitches. Simply press the corresponding number to select your desired stitch.



Figure 3: The LCD display and stitch selection panel for choosing from 50 built-in stitches.

### Adjusting Stitch Length and Width

Use the dedicated buttons next to the LCD display to adjust the length and width of your selected stitch. This allows for customization to suit different fabric types and project requirements.

### Buttonhole Sewing

The CS5055PRW offers 5 styles of one-step auto-size buttonholes. Attach the buttonhole foot, place your button in the designated slot, and the machine will automatically size and sew the buttonhole to fit perfectly.

### Free-Motion Quilting

For quilting enthusiasts, the machine includes a drop feed feature, allowing for free-motion quilting. This provides greater control and flexibility for intricate quilting designs.

### Using Specialty Feet

The machine comes with 7 specialty sewing feet, including zigzag, zipper, buttonhole, button sewing, blind stitch, overcasting, and monogramming feet. The LCD display will indicate which foot is recommended for each stitch type.

## Maintenance

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### Cleaning

Regularly clean the bobbin area and feed dogs using the included cleaning brush to remove lint and dust. This helps maintain smooth operation and prevents thread jams.

### Needle Replacement

Replace the needle frequently, especially when working with different fabric types or if the needle becomes dull or bent. Always use the correct needle type and size for your project.

### Thread Cutters

Utilize the built-in thread cutters located near the bobbin and on the side of the machine for quick and convenient thread trimming after sewing.

## Troubleshooting

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### Automatic Needle Threader Issues

If the automatic needle threader is not functioning correctly, ensure the needle is in its highest possible position. Even a slight misalignment can prevent the threader from engaging properly. Adjust the needle position using the handwheel until it is fully raised.

### Skipped Stitches or Thread Breakage

Check the upper and bobbin threading for any errors. Ensure the needle is inserted correctly and is not bent or dull. Verify that the tension settings are appropriate for your fabric and thread type.

### Fabric Not Feeding Smoothly

Ensure the presser foot is lowered and the feed dogs are engaged (unless performing free-motion quilting). Clean any lint or debris from the feed dog area. Adjust the presser foot pressure if necessary.

## Specifications

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Feature	Detail
Brand	Brother
Model Number	CS5055PRW
Color	White
Material	Metal
Product Dimensions	10.75"D x 19.48"W x 15.96"H
Item Weight	14.75 Pounds
Power Source	Corded Electric
Built-in Stitches	50
Buttonhole Styles	5 (auto-size, one-step)
Included Components	Screwdriver, Needle (3pcs), Twin needle, Extra Spool Pin, Ball point needle, Seam ripper, Cleaning brush, Large Spool Cap, Medium Spool Cap, Small Spool Cap, 7 Specialty Sewing Feet

## Warranty & Support

The Brother CS5055PRW Sewing Machine comes with a **25-year limited warranty**. For technical assistance or customer support, please refer to the contact information provided in your included instruction manual. A complete bilingual English and Spanish instruction manual is provided with the machine for detailed guidance.