Brother CM350

Brother ScanNCut2 CM350 Electronic Cutting Machine User Manual

Model: CM350

1. INTRODUCTION

The Brother ScanNCut2 CM350 is an electronic cutting machine designed for crafting and hobby use. It features a built-in scanner, a large LCD touchscreen, and wireless network capabilities, allowing users to create custom designs and cut various materials with precision. This standalone machine eliminates the need for cartridges or subscriptions, offering flexibility for diverse projects.

Figure 1: The Brother ScanNCut2 CM350 Electronic Cutting Machine.

2. SAFETY INFORMATION

Please read all safety instructions before operating the machine to prevent injury or damage. Keep this manual for future reference.

2.1 General Safety Precautions

- **Small Parts:** This product contains small parts that may pose a choking hazard to young children. Keep out of reach of children.
- **Sharp Items:** The cutting blade is extremely sharp. Exercise caution when handling or replacing the blade to avoid injury.
- **Power Supply:** Use only the power adapter supplied with the machine. Ensure the power outlet matches the machine's voltage requirements.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the machine during operation.
- **Moisture:** Do not expose the machine to water or excessive moisture.

3. WHAT'S IN THE BOX

Verify that all components are present upon unpacking:

- Brother ScanNCut2 CM350 Machine
- Standard Cutting Mat (12 inches x 12 inches)
- Standard Cut Blade Holder
- Standard Cut Blade
- Spatula
- Stylus
- Accessory Pouch
- Power Cord
- Operation Manual (this document)

4. KEY FEATURES

- **300 DPI Built-in Scanner:** Allows scanning of images to create unique cut designs and patterns.
- **Large Color Touchscreen:** A 4.85-inch LCD touchscreen for easy function selection and design editing.
- **Wireless Network Ready:** Supports PC connectivity and standalone or wireless network connectivity for data transfer.
- **Large Scanning and Cutting Area:** Utilizes a 12-inch x 12-inch cutting mat, with options for larger mats.
- **On-Screen Editing:** Edit designs directly on the LCD touchscreen.
- **Welding Feature:** Combine shapes, hand drawings, and fonts on-screen to group designs for cutting.
- **Built-in Designs:** Includes 631 built-in designs, including 100 quilt patterns and 7 lettering fonts.
- **SVG Data File Compatibility:** Ability to read SVG data files for expanded design options.

5. SETUP

5.1 Unpacking and Placement

1. Carefully remove the machine and all accessories from the packaging.
2. Place the machine on a stable, flat surface with adequate space around it for operation and material feeding.
3. Ensure the area is free from dust and direct sunlight.

5.2 Power Connection

1. Connect the power cord to the machine's power input.
2. Plug the other end of the power cord into a suitable electrical outlet.
3. Press the power button to turn on the machine.

5.3 Blade Installation

1. Open the machine's cover.
2. Insert the standard cut blade into the blade holder.
3. Place the blade holder into the carriage on the machine. Ensure it clicks securely into place.

6. OPERATING INSTRUCTIONS

6.1 Loading a Mat

1. Place your material (e.g., paper, fabric) onto the sticky surface of the cutting mat. Ensure it is smooth and free of wrinkles.

2. Align the top edge of the mat with the mat guides on the machine.

3. Press the "Load Mat" button on the touchscreen or the machine's panel. The machine will feed the mat into position.

6.2 Scanning a Design

1. With the material on the mat, select the "Scan" option on the LCD touchscreen.

2. Choose your desired scan type (e.g., Scan to Cut Data, Direct Cut).

3. Follow the on-screen prompts to adjust scan settings if necessary.

4. Press "Start" to begin the scan. The machine will scan your material and display the image on the screen.

6.3 Cutting a Design

1. After scanning or selecting a built-in design, use the touchscreen to edit, resize, or position your design as needed.

2. Adjust the blade depth and pressure settings according to your material. A test cut is recommended for new materials.

3. Select the "Cut" option on the touchscreen.

4. Confirm the settings and press "Start" to begin cutting.

Figure 2: The Brother ScanNCut2 CM350 actively cutting a design on pink patterned fabric.

6.4 Unloading the Mat

1. Once cutting is complete, press the "Unload Mat" button.

2. Carefully remove the mat from the machine.

3. Peel your cut material from the mat using the spatula to avoid tearing.

7. MAINTENANCE

7.1 Cleaning the Machine

- Regularly wipe the exterior of the machine with a soft, dry cloth.

- Use a small brush or compressed air to clear any debris from the blade carriage area and rollers.

- Clean the scanning glass with a lint-free cloth and a mild glass cleaner.

7.2 Blade Care

- Inspect the blade regularly for dullness or damage. Replace dull blades to ensure clean cuts.

- Store blades in their protective caps when not in use.

7.3 Mat Care

- Keep the cutting mat covered with its protective sheet when not in use to maintain tackiness.
- Clean the mat gently with a damp cloth or mild soap and water to remove debris and restore stickiness. Allow to air dry completely.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine not powering on.	Power cord not connected properly; power outlet issue.	Check power cord connections; try a different outlet.
Material not cutting cleanly.	Dull blade; incorrect blade depth/pressure; worn cutting mat.	Replace blade; adjust blade settings; replace cutting mat.
Mat not feeding correctly.	Mat not aligned; debris on rollers.	Ensure mat is aligned with guides; clean rollers.
Wireless connection issues.	Incorrect network settings; WLAN activation card not installed (if applicable).	Verify network settings; ensure WLAN card is installed and activated.

9. SPECIFICATIONS

Feature	Detail
Brand	Brother
Model Number	CM350
Material	Alloy Steel
Color	Black
Active Surface Area	144 square inches
Operation Mode	Manual
Item Weight	10.36 Pounds (approx. 4.7 kg)
Print Media Compatibility	Fabric (and other various materials)
Product Dimensions	10.12 x 22.8 x 10.55 inches (approx. 25.7 x 57.9 x 26.8 cm)
Scanner Resolution	300 DPI
LCD Touchscreen Size	4.85 inches
Built-in Designs	631 (including 100 quilt patterns, 7 lettering fonts)
Connectivity	Wireless Network Ready, PC Connectivity
Compatible Operating Systems	Microsoft Windows Vista, Windows 7, Windows 8 or Windows 8.1, Windows 10

10. WARRANTY AND SUPPORT

The Brother ScanNCut2 CM350 is backed by a **1-year limited warranty**. This warranty covers manufacturing defects and ensures the product meets quality standards under normal use.

For technical assistance or warranty claims, free technical phone support is available for the life of the product. Please refer to the contact information provided in your product registration materials or visit the official Brother support website for details.