Brother SDX125E

Brother ScanNCut SDX125E Electronic DIY Cutting Machine User Manual

Model: SDX125E | Brand: Brother

Introduction   What's in the
Box   Setup   Operating   Maintenance   Troubleshooting   Specifications   Warranty & Support

1. INTRODUCTION

The Brother ScanNCut SDX125E is an electronic DIY cutting machine featuring a built-in scanner, designed for home and hobby use. This versatile machine allows you to create custom stickers, vinyl wall art, greeting cards, and more. With its auto-blade technology, it detects material thickness automatically, simplifying the cutting process for various materials up to 3mm thick. The integrated 5-inch LCD touch screen display and wireless connectivity offer flexible design and editing options, including access to 682 built-in patterns and compatibility with CanvasWorkspace and Artspira for advanced design creation.

2. WHAT'S IN THE BOX

Your Brother ScanNCut DX SDX125E package includes the following items:

- Brother ScanNCut DX SDX125E Electronic DIY Cutting Machine
- 12" x 12" Standard Tack Mat
- Black Pen
- Pen Holder
- Touch Pen
- Spatula
- Accessory Pouch
- Pattern Collection with 76 additional patterns
- Auto Blade
- Auto Blade Holder
- Getting Started Guide

- 1pc Sample Cardstock

Figure 1: Overview of the items included in the Brother ScanNCut DX SDX125E package, showing the machine, cutting mat, various tools, and sample materials.

Convenient Accessory Storage

Accessories arrive packed in built-in storage compartment

Figure 2: The convenient accessory storage compartment built into the machine, designed to hold tools like the spatula, touch pen, and auto blade.

3. SETUP

1. **Unboxing:** Carefully remove all components from the packaging. Ensure all items listed in the "What's in the Box" section are present.

2. **Power Connection:** Connect the power cord to the machine and a suitable power outlet (120 volts for US models).

3. **Loading the Mat:** Place your material onto the standard tack mat. Align the mat with the machine's feed rollers and press the load button.

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Video 1: This video demonstrates the process of loading a cutting mat into the Brother ScanNCut SDX125E and initiating a cut for a drawn design. It highlights the machine's ability to scan and cut custom artwork.

4. **Software Installation (Optional):** For advanced design and editing, download and install the

CanvasWorkspace software on your PC or mobile device. Alternatively, use the Artspira app for mobile design.

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Video 2: This video showcases the Artspira app, a design platform by Brother, demonstrating how it enables personalization and creative design on the go, compatible with the ScanNCut machine.

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Video 3: This video illustrates how to create designs on the go using the Artspira design platform by Brother, emphasizing its mobile accessibility and creative features for users.

5. **Wireless Connection:** Connect your machine to your home or mobile device network for wireless transfer of designs.

4. OPERATING THE SCANNCUT DX SDX125E

4.1 Built-in Scanner

The SDX125E features a built-in 600 DPI scanner. You can scan hand-drawn designs to convert them into cut files, directly cut printed stickers, or precisely place designs by scanning your material. This eliminates the need for manual measurements or counting mat blocks.

Built-in Scanner Benefits
- Scan personal drawing and use it as a cut file.
- Easily cut stickers, labels, and more.
- No more counting blocks by scanning your material.

Figure 3: The built-in scanner allows you to scan personal drawings to use as cut files, easily cut stickers and labels, and precisely place designs by scanning your material.

4.2 Auto Blade Technology

The included Auto Blade and Auto Blade Holder utilize automatic material sensor technology. This feature detects the thickness of your material, eliminating the need for manual blade adjustments or material selection. The machine can cut materials up to 3mm (0.1 inches) thick, including paper, vinyl, fabric, balsa wood, chipboard, foam, and felt. Always perform a trial cut to confirm successful cutting for new materials.

detects material thickness on mat

Auto Blade Removes the Guesswork

Auto blade sensing technology eliminates the need for material selection.

Figure 4: The Auto Blade automatically detects material thickness on the mat, removing the guesswork from blade adjustments.

Figure 5: The machine is capable of cutting materials up to 3mm thick, such as wood, foam, and felt, expanding your crafting possibilities.
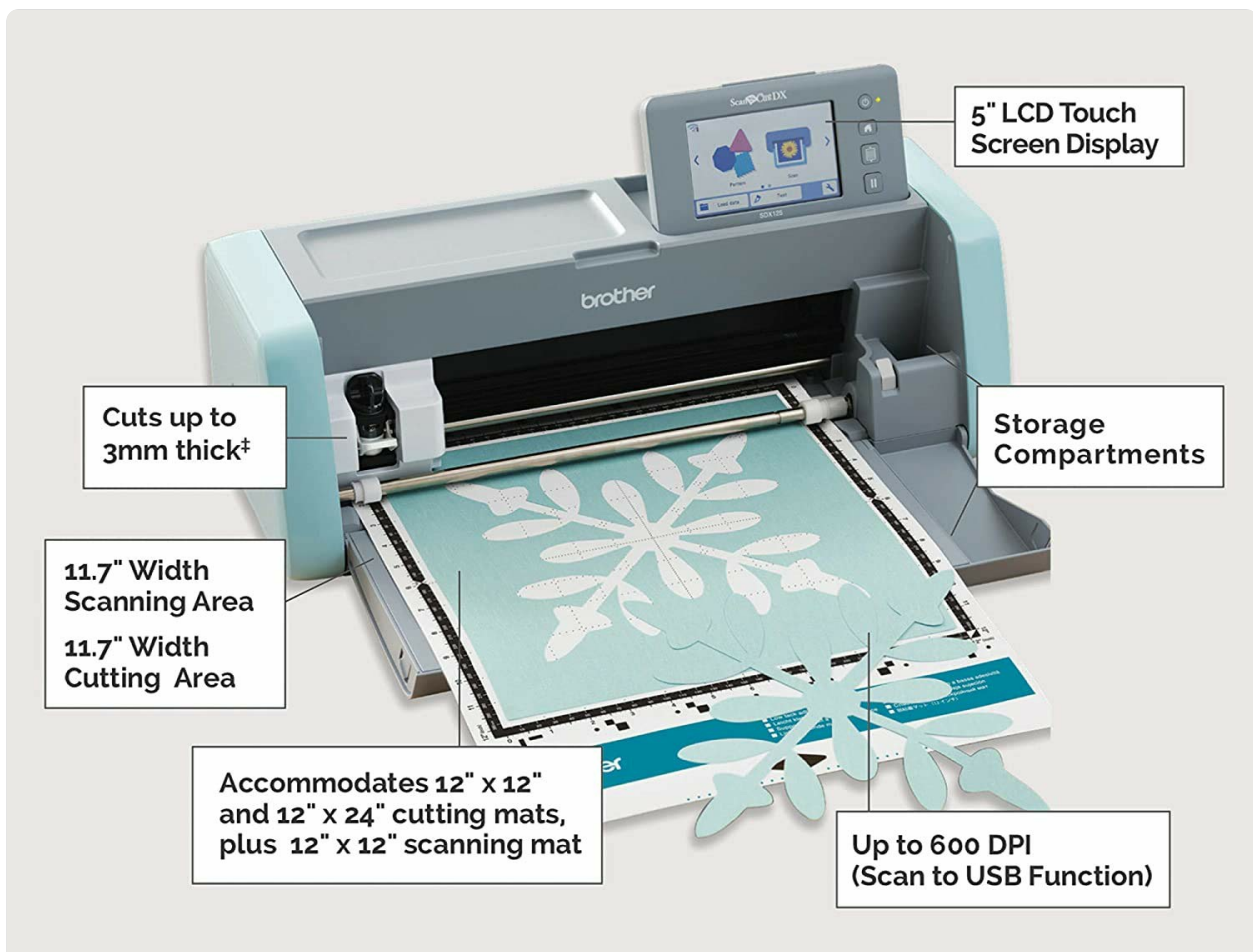
Figure 6: The Brother ScanNCut DX SDX125E is ideal for a wide range of materials and projects, including paper, fabric, vinyl, and leather.

4.3 5'' LCD Touch Screen Display

The integrated 5-inch LCD touch screen allows for direct editing of designs on the machine. It also facilitates optional PC and mobile device connections via wireless functionality.

5" LCD Touch Screen Display

Cuts up to 3mm thick‡

Storage Compartments

11.7" Width Scanning Area

11.7" Width Cutting Area

Accommodates 12" x 12" and 12" x 24" cutting mats, plus 12" x 12" scanning mat

Up to 600 DPI (Scan to USB Function)

682 Built-in Designs

Figure 7: The 5-inch LCD touch screen display provides an intuitive interface for selecting and editing designs, along with displaying scanning and cutting areas.

4.4 Built-in Designs and Connectivity

The ScanNCut DX SDX125E comes preloaded with 682 built-in patterns, including 100 quilting patterns and 9 fonts. You can expand your design library by adding custom designs and additional free patterns via the USB port or wireless capability. Designs can be saved directly to the machine's internal memory or transferred wirelessly from your computer or mobile device using CanvasWorkspace or Artspira. The machine also supports .fcm or SVG files from a USB drive.

4.5 Half-Cut Setting

Utilize the half-cut setting to cut only the top layer of materials like vinyl or sticker sheets, leaving the backing intact. This is ideal for creating decals and labels.

4.6 Quiet Operation

The Brother SDX125E operates with whisper-quiet performance, allowing you to work on projects without disturbing others, making it suitable for use in shared spaces or late at night.

Whisper Quiet
Ideal for work and late-night crafting

Optional accessories sold separately.

Figure 8: The machine's quiet operation makes it suitable for use in various environments, including offices and during late-night crafting sessions.

4.7 General Demonstration

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Video 4: This video provides a general overview and demonstration of the Brother ScanNCut SDX125E, showcasing its capabilities for making custom stickers and vinyl projects.

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Video 5: A comprehensive demonstration of the Brother ScanNCut machine, illustrating its various functions and ease of use for different crafting applications.

5. MAINTENANCE

- **Cleaning the Machine:** Regularly wipe down the exterior of the machine with a soft, dry cloth. Avoid using harsh chemicals.
- **Cleaning the Cutting Mat:** Over time, the cutting mat may lose its stickiness due to dust and debris.

Clean the mat with warm water and a mild soap, then allow it to air dry.

- **Blade Care:** Inspect the auto blade regularly for wear and tear. Replace the blade when it becomes dull to ensure clean and precise cuts. Store blades in their protective caps when not in use.
- **Firmware Updates:** Periodically check the Brother support website for firmware updates to ensure your machine operates with the latest features and improvements.

6. TROUBLESHOOTING

- **Material Not Cutting Properly:**
  - Ensure the cutting mat is clean and sticky enough to hold the material firmly.
  - Check if the auto blade is correctly installed and not dull or damaged.
  - Perform a test cut to verify blade depth and pressure settings for your specific material.

- **Machine Not Connecting Wirelessly:**
  - Verify that the machine is within range of your Wi-Fi router.
  - Check your network settings on both the machine and your computer/mobile device.
  - Restart both the machine and your router.

- **LCD Touch Screen Unresponsive:**
  - Ensure the screen is clean and free of debris.
  - Restart the machine. If the issue persists, contact customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	Brother
Model Number	SDX125E
Material Compatibility	Vinyl, Paper, Fabric, Balsa Wood, Chipboard, Foam, Felt
Color	Titanium/Aqua
Product Dimensions	8.4"D x 20.9"W x 6.8"H
Active Surface Area	144 square inches
Operation Mode	Automatic (Auto Blade)
Item Weight	15.75 Pounds
Scanner Resolution	Up to 600 DPI

Feature	Detail
Max Cutting Thickness	3mm (0.1 inches)
Display	5" LCD Touch Screen
Connectivity	Wireless, USB
Built-in Designs	682 (including 100 quilting patterns, 9 fonts)
Manufacturer	Brother International Corp
UPC	012502656036
First Available	April 15, 2019

8. WARRANTY & SUPPORT

The Brother ScanNCut DX SDX125E is backed by a **1-year limited warranty**. Additionally, online technical support is available for the life of the product. For detailed warranty terms, service requests, or technical assistance, please visit the official Brother support website or contact their customer service.
Important Note: This product is intended for sale only in the US at 120 volts. Any other use or sale voids the warranty.