Description

The Brother ScanNCut DX is a 2D CNC paper cutter capable of cutting out precise designs with high accuracy. It can cut a variety of materials including but not limited to thin plastics, vinyl, foam, and paper. It automatically detects the height of your material and cuts up to 0.1” (3 mm) of thickness. It also provides a built in scan function that helps it detect and cut a design on a preprinted material.

Hazards

Sharp Blade! The ScanNCut DX functions with a variety of tool attachments including shielded blades which can be switched out of the cutting head. Care should be taken as these blades are very sharp and can cut if not handled properly.

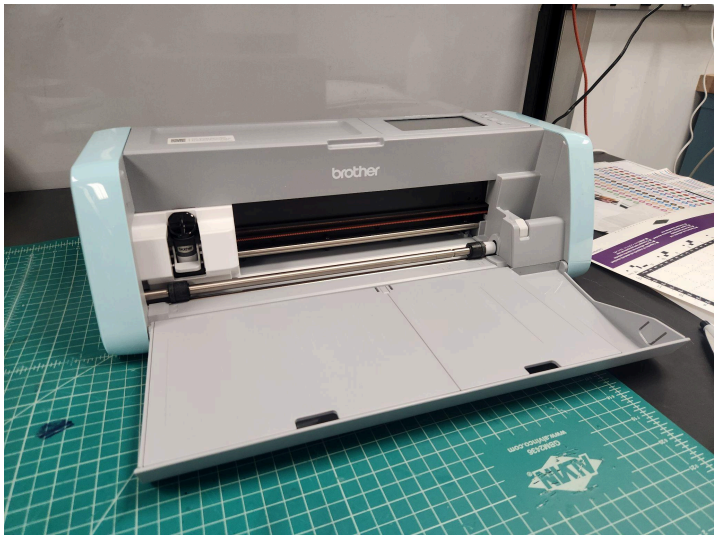
Pinching! Keep fingers clear of the feeder rollers when the machine is operating to avoid pinching.

PPE Requirements

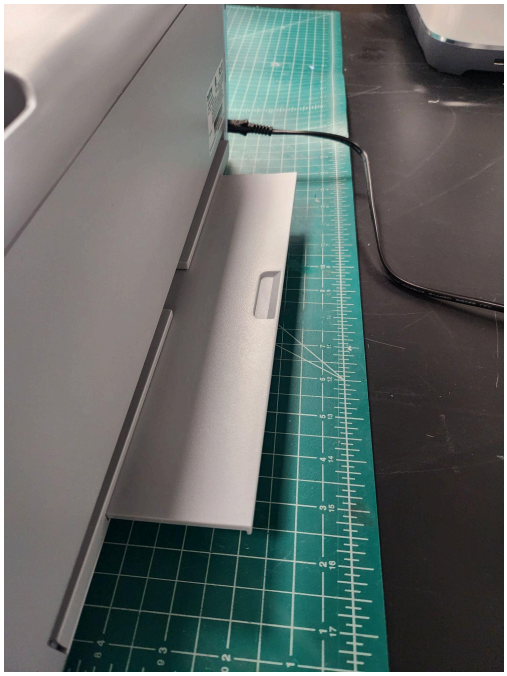
- None required

Job Setup

1. Begin by opening the front tray cover, extending the rear tray, and adjusting the operation panel. Note that some tools and attachments are stored in the lower compartments of the front tray cover



Front Tray Cover



Rear Tray

Operation Panel

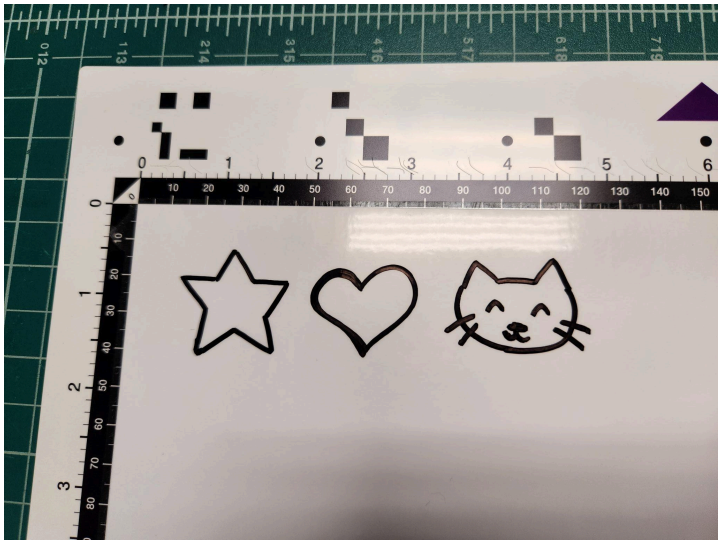
Storage Compartments

2. Ensure the power cord is plugged into the machine and wall outlet. Turn on the machine by pressing and holding the power button for a few seconds then wait for it to boot up

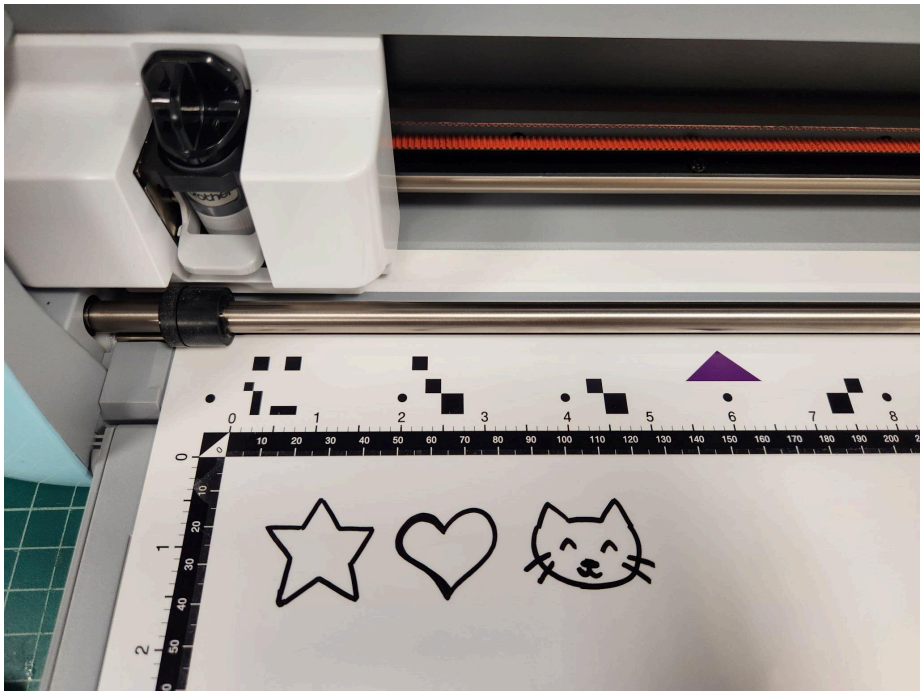
3. Touch anywhere on the screen to go to the main menu. From here you will have the option to select a premade design using “Pattern,” uploading your own design via USB, or scanning a preprinted design. (Please use the stylus to operate the touchscreen)

4. Peel back the protective plastic cover on the cutting mat and place it off to the side away from the cutting area. DO NOT THROW AWAY.

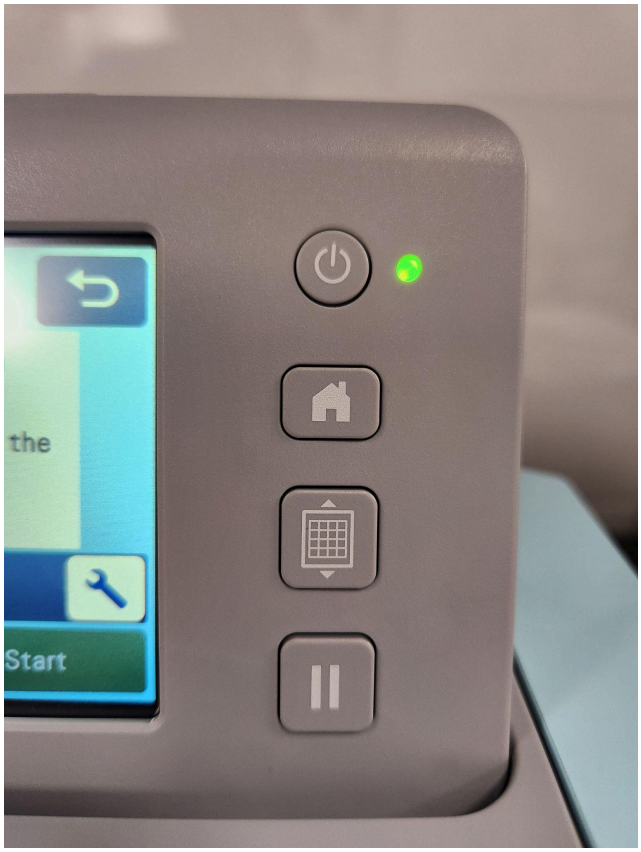
5. Place your material on the sticky surface of the mat ensuring it is firmly attached and lays flat.

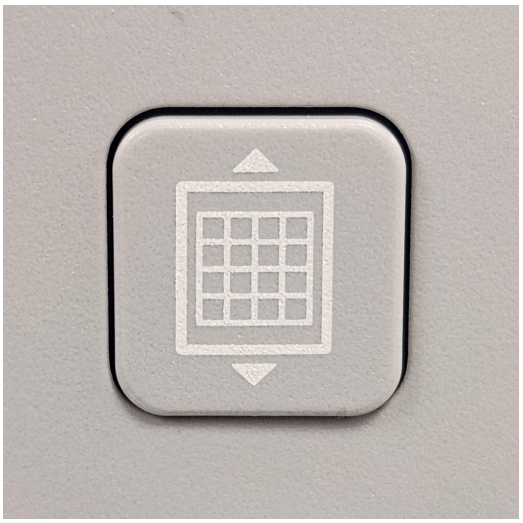


6. Align the edge of the cutting mat to the edge near the cutting head ensuring that the purple arrow is pointing towards the roller.



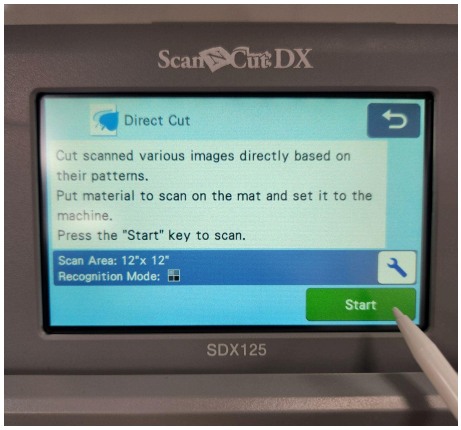
7. Near the touchscreen, press the button shown below to feed the mat into the rollers.



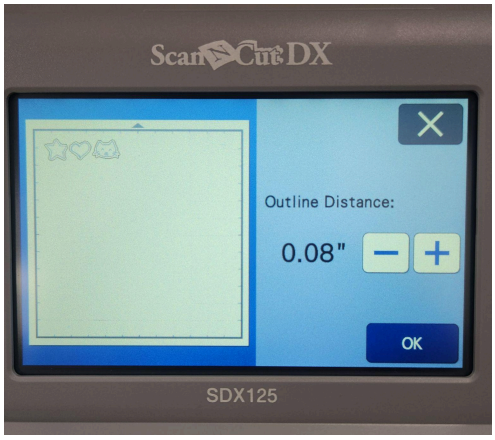


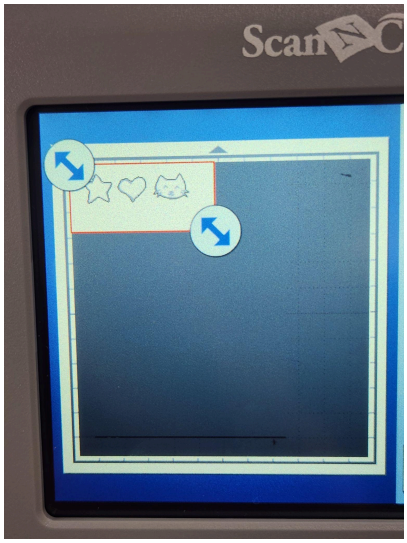
8. **FOR SCANNING:** Before scanning, adjust the scanner lever position to enhance scan quality. The scanner lever controls the focus of your scan image by lowering/ raising the scanner level. For thin materials, adjust the scanner lever to the level 1 position, and for thick materials adjust to the level 2 position.

9. Select the “Direct Cut” option and follow the directions on the screen, then wait for the machine to scan your design.



10. After scanning, you can adjust the value detection, smoothing, and cutting area. You can also edit a variety of other features.



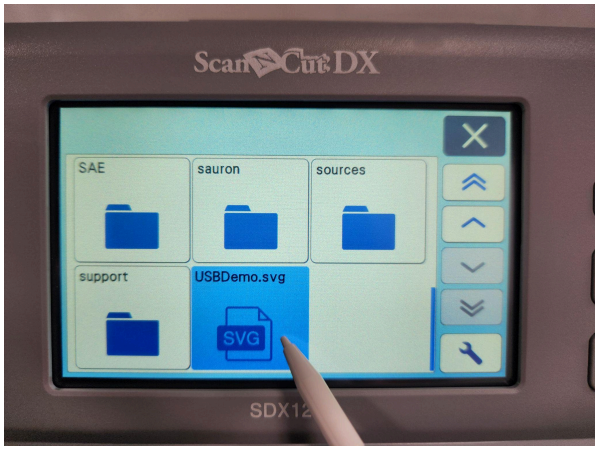


11. Once your design is to your liking, press “Ok” in the bottom right corner

12. **FOR UPLOADING DESIGN:** Begin by uploading your design to a USB as a .SVG file and inserting it into the USB port on the side of the machine

13. On the home screen select “Retrieve Data” in the bottom left corner

14. Next select the USB connection symbol and find your .SVG file



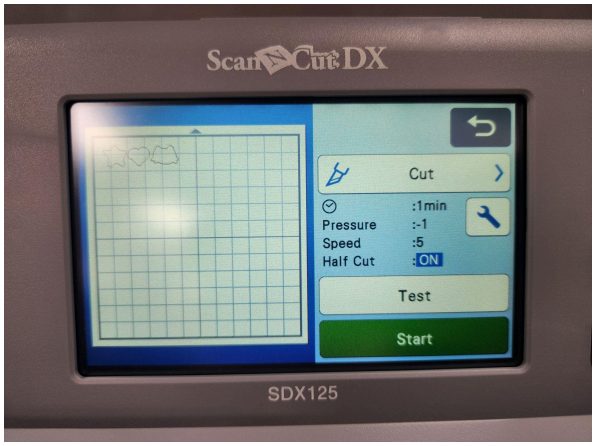
15. From here you can edit the design size, number of copies, and alignment. You also have the option to scan the mat and adjust where your design will be cut on the material

16. Once your design is to your liking, press “Ok” in the bottom right corner

17. After you have selected or scanned your design you will have the option to select Cut, Draw, Emboss, Glue, Foil, or Pierce.

18. Based on your option in the previous step, load the tool required into the tool head by sliding it into place with the Brother logo facing you and flipping the holder lock lever down. Note that some tools may have protective caps you must remove before loading into the tool head.

19. Next, adjust the cut settings. You can also choose to test the cut settings by selecting “Test.” Once you are satisfied with the settings, select “Start”

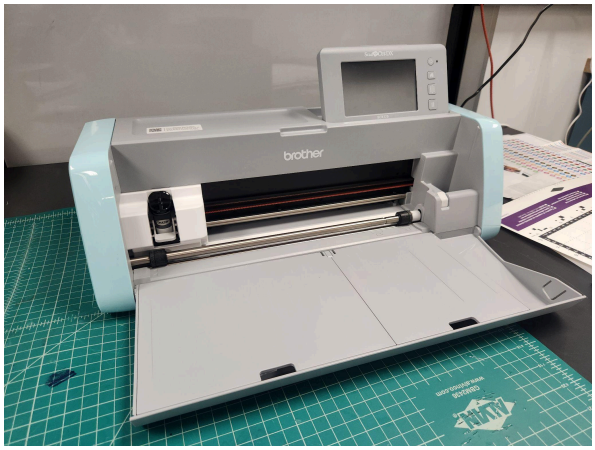


20. Once the machine has finished cutting, unload the mat and peel off your material.

Congratulations! You have successfully cut a design using the Brother ScanNCut DX!

Clean Up

Remove all excess material from the cutting mat as best you can, then ensure to place the protective plastic cover on the sticky side of the cutting mat. Make sure to store all tools and materials in their designated compartments, and close the front and rear trays.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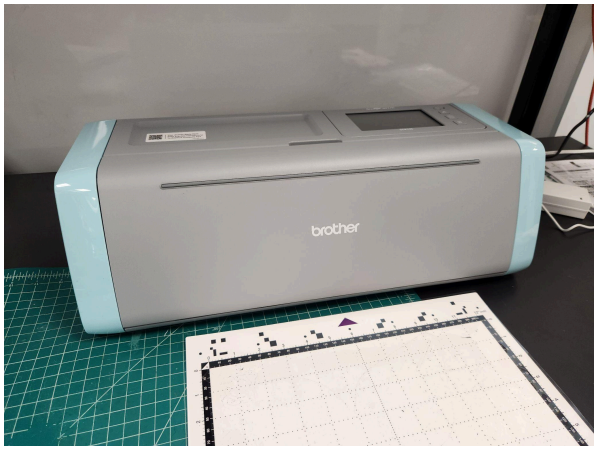
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