

SKYCUT C24

SKYCUT C24 Cutting Plotter User Manual

Model: C24

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your SKYCUT C24 Cutting Plotter. The SKYCUT C24 is a versatile machine designed for precision cutting of various materials, including vinyl, heat transfer vinyl (HTV), cardstock, fabric, and EVA foam. Its robust design and advanced features ensure high accuracy and stable performance for a wide range of crafting and professional applications.

Please read this manual thoroughly before operating the device to ensure proper usage and to maximize the lifespan of your cutting plotter.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage to the device or injury to yourself, please observe the following safety precautions:

- Always connect the plotter to a grounded power outlet.
- Do not expose the plotter to water or excessive humidity.
- Keep hands and loose clothing away from moving parts during operation.
- Blades are extremely sharp. Handle with care and keep out of reach of children.
- Unplug the power cord before cleaning or performing any maintenance.
- Ensure adequate ventilation around the machine during operation.
- Do not attempt to disassemble or repair the plotter yourself. Refer to qualified service personnel.

3. PACKAGE CONTENTS

Carefully unpack your SKYCUT C24 Cutting Plotter and verify that all items listed below are included in the package:

- SKYCUT C24 Cutting Plotter Unit
- Power Supply (1 pc)
- Power Cable (1 pc)
- USB Cable (1 pc)
- 60° Blade (Blue Cap) (1 pc)

- 45° Blade (Red Cap) (2 pcs)
- Blade Holder (1 pc)
- Plot Pen and 1 Refill (1 set)
- Cutting Mat (1 pc)



SKYCUT C24 CUTTING PLOTTER




CORELDRAW PLUGIN

Including with this Plotter



Not Including Mobile Skin Software

INCLUDING-	
POWER SUPPLY	1PCS
POWER CABLE	1PCS
USB CABLE	1PCS
60°BLADE(BLUE CAP)	1PCS
45°BLADE(RED CAP)	2PCS
BLADE HOLDER	1PCS
PLOT PEN AND 1 REFILL V	1SET
CUTTING MAT	1PCS

SUPPORT SOFTWARE-	
ADOBE ILLUSTRATOR PLUG-IN	FREE
CORELDRAW PLUG-IN	FREE
VINYL MASTER	PAID
SIGNMASTER	PAID
SURE CUTS A LOT (SCAL)	PAID
FLEXI 12	PAID
SIGNCUT	PAID
SKYCUT MOBILE SKIN SOFTWARE	PAID
SKYCUT CUTTING SOFTWARE	PAID

VINLY STICKER

WALL STICKER

RADIUM STICKER CUTTING

MOBILE STICKER CUTTING

PRINT N CUT STICKER CUTTING

Figure 3.1: Included components and software support information.



Figure 3.2: Detailed view of cutting tools and accessories.

4. PRODUCT OVERVIEW

The SKYCUT C24 is a high-performance cutting plotter designed for precision and ease of use. Key features include:

- **High Cutting Force:** Up to 800G, enabling it to cut a variety of materials including cardstock, fabric, and thicker vinyls.
- **Multi-Interface Connectivity:** Supports USB, U Disk APP, and Wi-Fi for flexible connection options.
- **Large Touch Screen Menu:** An intuitive HD LCD touch screen (800*480 Pixel resolution) for easy navigation and operation.
- **Advanced Sensor:** Features a camera for auto contour cutting, ensuring precise cuts around printed designs.
- **Repeat Function:** Ability to repeat the last cutting job, saving time for repetitive tasks.
- **Durable Construction:** Industrial-designed metal body provides stability, strength, and a long lifespan.
- **Software Compatibility:** Includes Corel Draw Plugin and supports Adobe Illustrator Plugin.

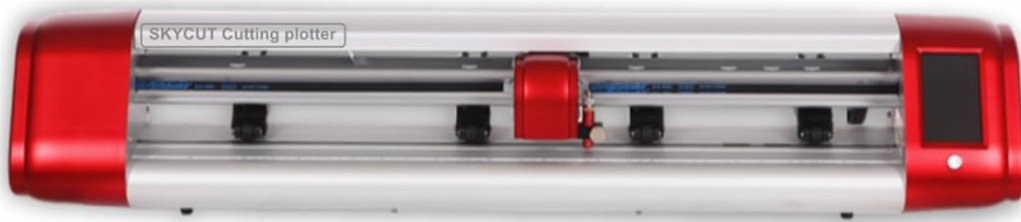


Figure 4.1: Front view of the SKYCUT C24 Cutting Plotter.



SKYCUT C24 CUTTING PLOTTER

HIGHLIGHTED FEATURE

1

With Camera Cutting
Sensor With High Sensitivity
Advance Cutting Plotter
Vinyl Cutter

2

Powerful Function Like
: Repeat-Repeat cut
Last job

3

Large Touch
Screen Menu

4

Stronger, stable and higher
accuracy it has max 750g
cutting force, easily cut many
materials including vinly,
cardstock, HTV fabric,
EVA foan and more

5

High Sensitivity Cutting
Plotter Vinyl Cutter

6

Skycut model C vinly cutter
has cute body, but has
industrial professional
design with metal
body .

Figure 4.2: Key features of the SKYCUT C24.



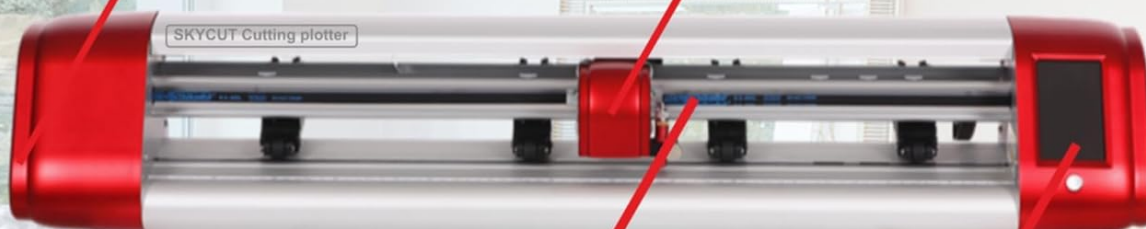
SKYCUT C24 CUTTING PLOTTER



Multi-interface



Metal Body



Camera for auto contour cutting



Large Touch screen menu



Figure 4.3: Multi-interface and design elements.



SKYCUT C24 CUTTING PLOTTER

DETAILS DETERMINE QUALITY



HD LCD TOUCH SCREEN

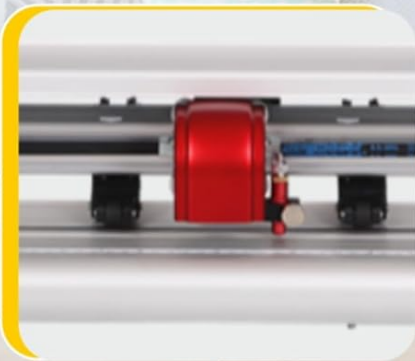
Resolution: 800*480 Pixel

High brightness and high sensitive touch

With simple use and straightforward operation, settings can be easily set up

CONNECTION METHOD

USB cable, U Disk APP and wifi (Optional)



METAL BODY

Skycut model C vinyl cutter has a cute body, but has an industrial professional design with a metal body. Stronger, stable and higher accuracy. It has a max 750g cutting force, easily cut many materials including vinyl, cardstock, HTV, fabric, EVA foam and more.



Figure 4.4: Touch screen and connectivity options.

5. SETUP

5.1 Unpacking and Placement

1. Carefully remove the plotter from its packaging.
2. Place the plotter on a stable, flat, and level surface, ensuring sufficient space around the machine for material loading and unloading.
3. Keep the packaging materials for future transport or storage.

5.2 Blade and Pen Holder Installation

1. **Blade Installation:** Insert the desired blade into the blade holder. Ensure the blade is securely seated.
2. Open the carriage clamp on the plotter.
3. Insert the blade holder (with blade) into the carriage, ensuring it is oriented correctly.

4. Close the carriage clamp firmly to secure the blade holder.
5. **Pen Holder Installation:** To use the plotter for drawing, replace the blade holder with the pen holder following the same steps.

5.3 Power and Connectivity

1. Connect the power cable to the plotter's power input and then to a grounded electrical outlet.
2. For computer connection, plug one end of the USB cable into the plotter's USB port and the other end into your computer's USB port.
3. Alternatively, for Wi-Fi connectivity, follow the instructions on the plotter's touch screen to connect to your wireless network.

6. OPERATING INSTRUCTIONS

6.1 Powering On and Initial Screen

1. Press the power button to turn on the plotter.
2. The large touch screen will display the main menu. Navigate through the options using the touch interface.

6.2 Loading Material

1. Lift the pinch rollers.
2. Place your material (vinyl, cardstock, etc.) onto the cutting mat or directly into the plotter, aligning it with the guides.
3. Lower the pinch rollers to secure the material. Ensure the material is flat and free of wrinkles.

6.3 Software Integration and Cutting

1. Install the provided Corel Draw Plugin or the Adobe Illustrator Plugin on your computer.
2. Design your cut file in your preferred software.
3. Send the design to the SKYCUT C24 plotter via the plugin.
4. Adjust cutting force and speed settings on the plotter's touch screen as needed for your material.
5. Initiate the cutting process.

6.4 Contour Cutting

The SKYCUT C24 features a camera for precise auto contour cutting:

1. Print your design with registration marks using a standard printer.
2. Load the printed material into the plotter.
3. Select the contour cutting function on the plotter's touch screen or through the software.
4. The camera will scan the registration marks to determine the exact position of your design.
5. The plotter will then cut precisely around the contours of your printed image.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your SKYCUT C24 plotter:

- **Cleaning:** Regularly clean the cutting area, pinch rollers, and the machine's exterior with a soft, dry cloth. Remove any material scraps or dust.
- **Blade Replacement:** Replace blades when they become dull or when you notice a decrease in cutting quality. Always use genuine SKYCUT replacement blades.

- **Cutting Mat Care:** If using a cutting mat, keep it clean and free of debris. Replace the mat when its adhesive properties diminish.
- **Firmware Updates:** Check the official SKYCUT website periodically for any available firmware updates to ensure your plotter has the latest features and bug fixes.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your SKYCUT C24 Cutting Plotter. If the problem persists after trying these solutions, please contact customer support.

Problem	Possible Cause	Solution
Machine does not power on.	Power cable not connected; Power outlet issue.	Ensure power cable is securely connected to both plotter and a working outlet. Test outlet with another device.
Cuts are not clean or precise.	Dull blade; Incorrect cutting force/speed; Material not loaded properly.	Replace blade; Adjust cutting force and speed settings; Ensure material is flat and secured by pinch rollers.
Plotter not recognized by computer.	USB cable issue; Driver not installed; Incorrect port selected.	Try a different USB port or cable; Ensure plotter drivers are installed; Verify correct port in software settings.
Contour cutting is inaccurate.	Poor lighting; Unclear registration marks; Material shifted.	Ensure adequate lighting; Print clear, distinct registration marks; Secure material firmly to prevent shifting.
Material jams during cutting.	Material not flat; Pinch rollers not properly engaged; Excessive cutting force.	Ensure material is flat and smooth; Lower pinch rollers correctly; Reduce cutting force if too high for material.

9. SPECIFICATIONS

The following table outlines the technical specifications for the SKYCUT C24 Cutting Plotter:

Feature	Detail
Model	C24 (24 inch plotter)
Brand	SKYCUT (Generic)
Material	Metal
Colour	Red
Product Dimensions	10D x 70W x 10H Centimeters
Item Weight	8 Kilograms
Operation Mode	Manual (via software/touch screen)
Print Media	Card stock, Vinyl, HTV, Fabric, EVA foam
Connectivity Type	USB, Wi-Fi
Max Media Width	610 mm

Feature	Detail
Max Cutting Width	600 mm
Max Contour Cutting Width	570 mm
Max Force	800G
Max Moving Speed	700 mm/s
Max Cutting Speed	600 mm/s
Motor	Micro Stepper
Repeat Precision	0.002 mm
Cutting Precision	+/-0.01 mm
db Values	65
Corel Draw Directly	Yes
Processor Memory	128 MB
Laser Engrave Option	Yes (Optional)
Power Supply	24V 1.5A
Power Consumption	<100w
Working Environment	5°C - 35°C
Included Components	USB cable, power cable, power adapter, 3pc blade, pen holder with refill, blade holder



SKYCUT C24 CUTTING PLOTTER

For T-Shirt & Digital Printing Industry

Supports HTV Vinyl, Dark Paper Light Paper Contour

Cutting For T-Shirt Printing

Digital Print Cutting up to 24 inches (12' x 18' / 13' x 19').

Art Paper Cutting (250 GSM & 300 GSM).



- Large Touch Screen Menu
- Multi-Interface
- Camera for Auto Contour Cutting
- Fully Adjustable Pinch Feed Assembly
- Metal Body
- Multi-Colored LED Lighting
- Laser Engraving (optional)
- Engraving Tool (optional)
- Red color

MODEL

Auto Contour Cut
Max Media width
Max Cutting width
Max Contour Cutting Width
Max Force
Max Moving Speed
Max Cutting Speed
Motor
Repeat Precision
Cutting Precision
db Values
Corel Draw Directly
Processor Memory
Laser Engrave Option
Power Supply
Power
Packing GN Weight
Packing Size
Number of Heads
Working Environment
Connector Interface
Scratch Engrave Tool Option
Floor Stand

SKYCUT C24

Camera
720
610 mm
570mm
600 g
700 mm/s
600mm/s
Micro Stepper
0.002 mm
+/-0.01 mm
65
Yes
128 MB
Yes
24V 1.5A
< 100w
14 Kg
1000*310*265mm
1
+5°C-+35°C
USB Flash/USB Cable
WIFI (Optional)
Yes
No

SPARE PARTS INCLUDED



CUSTOMER CARE : +91 8178782751
For Warranty Registration

Figure 9.1: Detailed specifications and spare parts.

10. WARRANTY AND SUPPORT

Your SKYCUT C24 Cutting Plotter comes with a **1 Year Warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For any queries, technical support, or warranty claims, please contact our customer support team:

- **Customer Support Contact:** +91 9650069168

Our support team is available to assist you with setup, operation, troubleshooting, and any other product-related inquiries.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question