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PlotterGeeks 2AVGRV48 SkyCut Embossing Tool Instruction Manual

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INTRODUCTION

- The SkyCut Embossing Tool, available for $35.00 USD, is designed to enhance the capabilities of SkyCut cutting plotters by enabling embossing and the creation of fold lines. This tool is compatible with materials such as paper, card stock, thin plastics, and softwood or wood veneer.

- When paired with the SkyCut V48 Vinyl Cutting Plotter, the embossing tool allows users to add intricate embossed designs to their projects. The V48 model boasts a maximum media width of 1350mm and a cutting width of 1240mm, making it suitable for large-scale applications. It features a high cutting force of up to 2000 grams, ensuring precise cuts on various materials. The plotter also offers advanced contour cutting capabilities, facilitated by an optical sensor that accurately reads registration marks for precise cuts.
- Both the embossing tool and the V48 plotter are available through PlotterGeeks, a reputable retailer specializing in SkyCut products and accessories. They offer a range of plotters and tools tailored to different needs, ensuring users can find the right equipment for their specific applications.
- Incorporating the SkyCut Embossing Tool with the V48 plotter expands creative possibilities, allowing for the addition of tactile elements to designs, which is particularly beneficial for projects requiring detailed embossing or scoring.

Specifications

The SkyCut V48 Vinyl Cutting Plotter is a professional-grade machine designed for precision cutting across various materials. Below are its detailed specifications:

Specification	Details
Max Media Width	1350mm
Max Cutting Width	1240mm
Max Contour Cutting Width	1200mm
Packing Size	1620 x 360 x 388mm
Gross Weight	39kg
Max Cutting Force	2000g
Number of Heads	1
Floor Stand	Included
Auto Contour Cutting	Equipped with a camera for precise contour cutting
CorelDRAW Compatibility	Yes
Power Supply	220V/50Hz
Laser Engraving Option	No
Scratch Engraving	Yes
Motor Type	Stepper
Processor Memory	128MB
Cutting Precision	±0.01mm
Repeat Precision	0.082mm
Max Moving Speed	700mm/s
Max Cutting Speed	600mm/s
Connector Interfaces	USB flash, optional Wi-Fi, USB cable
Power Consumption	<100W
Working Environment	+5°C to +35°C

Key Features

- **High Cutting Force:** The V48 offers a maximum cutting force of 2000 grams, enabling it to cut through hard materials such as 3M diamond-grade reflective films with ease.
- **User-Friendly Interface:** It features a large touch screen with multi-language support, simplifying operation and navigation through various functions.
- **Versatile Connectivity:** The plotter supports multiple interfaces, including USB, USB flash drive, and optional Wi-Fi, offering flexibility in how you connect and transfer data.
- **Auto Contour Cutting:** Equipped with a built-in camera, the V48 facilitates high-accuracy, fast-speed contour cutting, suitable for various materials and mark colors, including high-reflective and transparent materials.
- **Robust Build:** The plotter boasts a fully industrial metal body, ensuring durability and a long operational lifespan.

Embossing Tool Compatibility:

- The SkyCut Embossing Tool is an accessory designed to work seamlessly with the V48 plotter. It enables users to add embossed designs and create fold lines on materials such as paper, cardstock, thin plastics, and softwood or wood veneer.
- This tool expands the creative possibilities of the V48, allowing for the addition of tactile elements to various projects.
- Incorporating the SkyCut Embossing Tool with the V48 plotter enhances its functionality, making it a versatile choice for professionals seeking precision and creativity in their cutting and embossing tasks.

Advanced Contour Cutting:
Equipped with a built-in camera, the V48 excels in contour cutting tasks. This feature ensures high-precision detection on various media types and colors, including reflective and transparent materials, making it ideal for intricate designs and detailed projects.

Robust Construction:
The V48 boasts a sturdy metal body, reflecting its industrial-grade design. This robust construction ensures durability and stability during operation, catering to both small-scale projects and large-scale productions.

User Experiences:
While specific user reviews for the V48 model are limited, discussions among professionals highlight its high cutting force of 2000 grams, which is particularly beneficial for cutting woven materials. One user noted that this increased force is ideal for their needs.

Safety Guidelines for the SkyCut V48 Vinyl Cutting Plotter & Embossing Tool

To ensure safe and efficient operation of the SkyCut V48, follow these essential safety precautions:

Electrical Safety

- Use only the recommended power supply (220V/50Hz) to avoid electrical hazards.
- Ensure the power cord is undamaged and securely connected before turning on the machine.
- Keep the plotter away from water or moisture to prevent short circuits and electrical shocks.

Operational Safety

- Always turn off and unplug the machine before performing maintenance or changing blades.
- Do not touch the cutting blade or embossing tool while the machine is operating.
- Make sure hands, clothing, and other objects are kept away from moving parts during operation.

Material Handling

- Only use materials compatible with the SkyCut V48 to prevent damage to the machine.
- Ensure materials are properly aligned and secured before starting the cutting or embossing process.
- Do not use the embossing tool on materials too thick or rigid, as this may damage the tool or machine.

Ventilation & Workspace Safety

- Operate the plotter in a well-ventilated area to prevent dust accumulation.
- Keep the workspace clean and clutter-free to avoid accidents.
- Store sharp tools, such as blades and embossing tips, in a safe place when not in use.

Emergency Precautions

- If the machine malfunctions, immediately turn it off and unplug it before inspecting.
- Do not attempt to disassemble or repair the machine unless trained to do so—contact SkyCut support for assistance.

SkyCut V48 Vinyl Cutting Plotter & Embossing Tool Warranty

The SkyCut V48 typically comes with a one-year limited warranty, but the exact terms may vary depending on the seller and region. Below are the key warranty details:

Warranty Coverage

- Covers manufacturing defects in materials and workmanship.
- Includes repairs or replacement of faulty components, such as the cutting mechanism, electronics, and motor.
- Warranty applies only to the original purchaser with valid proof of purchase.

What's Not Covered?

- User damage due to improper handling, misuse, or unauthorized modifications.
- Normal wear and tear on consumable parts, such as blades, embossing tools, and cutting mats.
- Damage caused by power surges, water exposure, or improper voltage use.

How to Claim Warranty?

- Contact SkyCut's official support team or the authorized seller.
- Provide purchase details, serial number, and a description of the issue.
- Some regions may require sending the device for inspection before approval of repair/replacement.

FAQs

What materials can the SkyCut V48 cut and emboss?
The SkyCut V48 can cut a wide range of materials, including vinyl, paper, cardstock, thin plastics, reflective films, heat transfer materials, and even soft wood veneer. When using the SkyCut Embossing Tool, it can create embossed patterns and fold lines on paper, cardstock, and softwood materials.

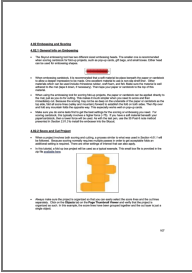**Does the SkyCut V48 support contour cutting?**
Yes! The built-in camera enables highly accurate auto contour cutting, making it easy to cut out printed designs precisely. It works well on transparent, colored, and even reflective materials, providing excellent versatility for different projects.

Is the SkyCut V48 compatible with CorelDRAW and other design software?
Yes! The SkyCut V48 supports CorelDRAW, along with other design software like Adobe Illustrator, SignMaster,

and Sure Cuts A Lot. It also offers multiple connectivity options, including USB, USB flash drive, and optional Wi-Fi for flexible workflow integration.

Documents / Resources

[**PlotterGeeks 2AVGRV48 SkyCut Embossing Tool**](#) [pdf] Instruction Manual
V48, 2AVGR-V48, 2AVGRV48, 2AVGRV48 SkyCut Embossing Tool, SkyCut Embossing Tool, Embossing Tool

References

- [**User Manual**](#)