

Creality Creality Laser Engraving accessories

Creality Laser Rotary Roller Instruction Manual

Model: Creality Laser Engraving accessories

1. INTRODUCTION

This manual provides detailed instructions for the Creality Laser Rotary Roller, an accessory designed to enhance the capabilities of your Creality Falcon/Falcon2 engraving machine. It enables 360° laser engraving on cylindrical objects with adjustable diameters, expanding your creative possibilities.

2. PRODUCT FEATURES

- **Cylindrical Object Engraving:** The creative rotary roller for laser engraving machines can be used for cylindrical objects such as thermos cups, cans, rolling pins, etc. The rotary roller also fits irregular cylindrical objects. The lifting bracket is designed to fix the slender parts of conical objects such as wine bottles, goblets, etc.
- **7 Adjustable Diameters:** Featuring 7 adjustable gears, this rotary roller supports cylindrical objects with diameters ranging from 5mm to 120mm, catering to a wide variety of engraving needs. The adjustable width is designed to meet more engraving needs.
- **Easy to Use:** After installing the Creality rotary roller, link the engraving machine and computer system. You can start creating using LaserGRBL or LightBurn. Note: Before using the rotary roller, you need to change the GRBL setting parameters. First, enter \$101=60 in the console and press Enter. Then, restart the machine after it has been successfully changed.
- **Application:** The Creality Laser Rotary Roller is compatible with Creality Falcon/Falcon2 engraving machines. The rotary roller can be used with risers. Risers (not included in the product) increase the engraving height and meet more engraving needs.

3. SETUP GUIDE

3.1 Unboxing and Component Check

Carefully unbox your Creality Laser Rotary Roller and verify all components are present. The package typically includes the rotary roller unit, power adapter, and necessary cables.

Perfect for Engraving Cylindrical Objects

Place your cylindrical work stably on the rotary roller and rotate it smoothly through LightBurn. It's suitable for engraving cans, wine bottles, cups, curved crafts, and more.

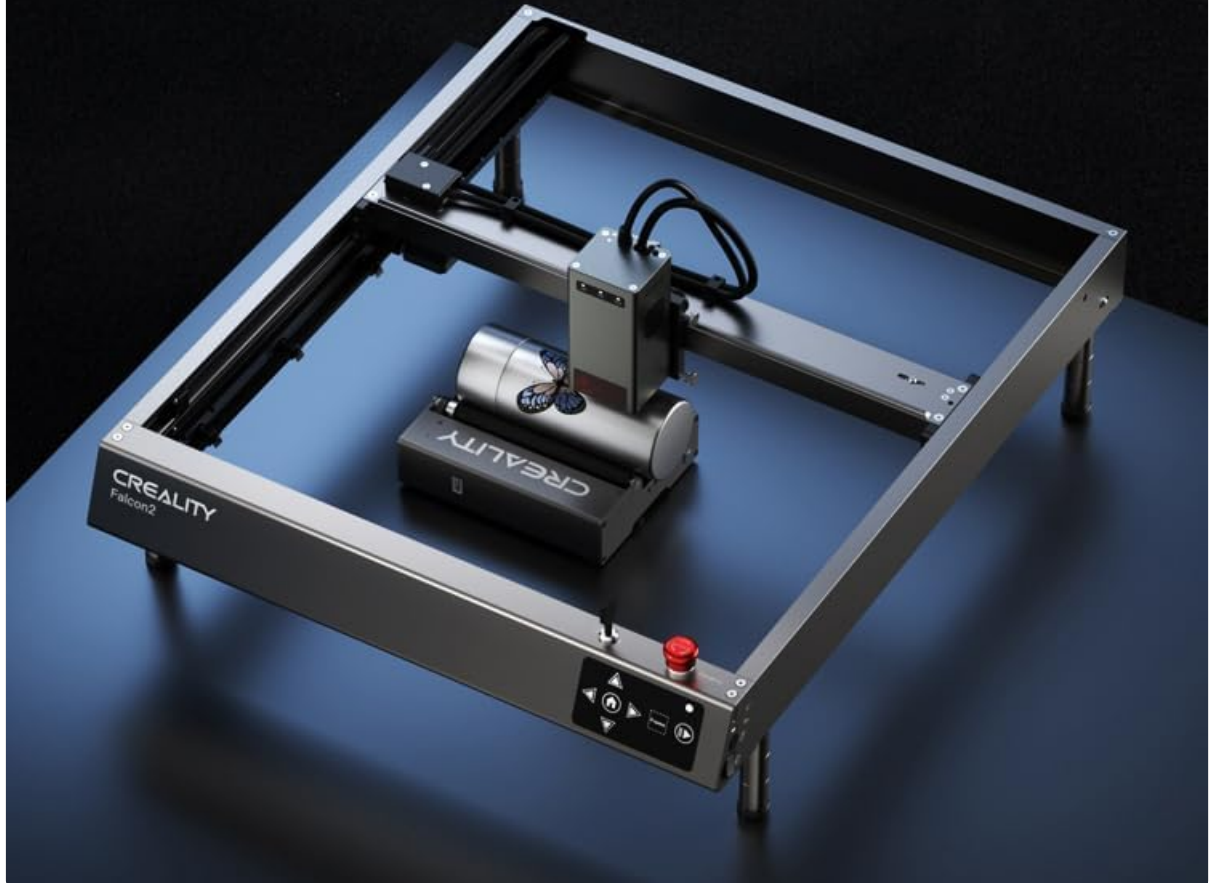


Image: All components included in the Creality Laser Rotary Roller package. This image displays the rotary roller, power adapter, cables, and other accessories that come with the product.

3.2 Assembly

Follow these steps to assemble the rotary roller with your engraving machine:

1. Place the rotary roller on a stable surface.
2. Adjust the width of the rollers to fit your cylindrical object. The 7 adjustable gears allow for diameters between 5mm and 120mm.
3. Connect the rotary roller to your Creality Falcon/Falcon2 engraving machine using the provided cables.
4. Ensure the power adapter is connected to the rotary roller and a power outlet.

Rotary Roller for Laser Engraving Machine

Designed for More Engraving Needs



Image: Crealty Laser Rotary Roller unit. This image shows the main rotary roller unit with its adjustable rollers.

7 Adjustable Diameters

Adjustable width for diameter ranges, suitable for cylindrical objects with different diameters of 5mm - 120mm.

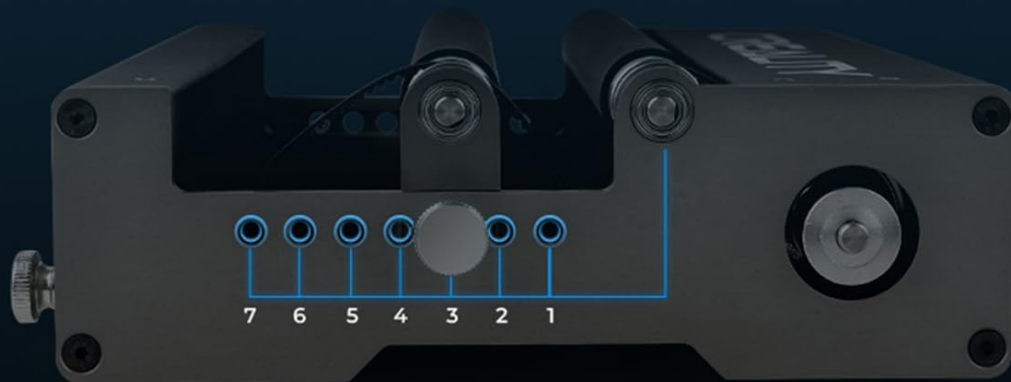


Image: Diagram showing the 7 adjustable diameters. This diagram highlights the seven different positions for adjusting the roller width, accommodating objects from 5mm to 120mm in diameter.

4. OPERATING INSTRUCTIONS

4.1 Software Connection

Connect your engraving machine to your computer via USB. Open LaserGRBL or LightBurn software. Ensure the software recognizes the device.

4.2 GRBL Parameter Adjustment

Before using the rotary roller, you must adjust the GRBL settings. In the software console, enter `$101=60` and press Enter. Restart your engraving machine for the changes to take effect.

Your browser does not support the video tag.

Video: ORTUR R2 Setup (Laser GRBL). This video demonstrates the setup process for the ORTUR R2, including software configuration with LaserGRBL, which is relevant for adjusting GRBL parameters for the Creality rotary roller.

4.3 Placing and Securing Objects

Place the cylindrical object securely on the rotary roller. If engraving conical objects like wine bottles or goblets, use the lifting bracket to stabilize the slender parts.

Product Specifications



Image: Lifting bracket in use with a goblet. This image shows how the lifting bracket helps stabilize conical objects like wine glasses for engraving.

4.4 Engraving Process

Once the object is secured and software settings are adjusted, you can proceed with your engraving project. Use the software to design or import your desired pattern and initiate the engraving process.

Your browser does not support the video tag.

Video: Creality Falcon 10W Engraving Machine. This video showcases the Creality Falcon 10W engraving machine in action, demonstrating its capabilities which are enhanced by the rotary roller.

5. MAINTENANCE

To ensure optimal performance and longevity of your Creality Laser Rotary Roller, regular maintenance is recommended. Always disconnect the power before performing any cleaning or maintenance tasks.

- Keep the rollers clean and free from dust or debris to ensure smooth rotation.
- Inspect cables for any signs of wear or damage.
- Store the rotary roller in a dry, dust-free environment when not in use.

6. TROUBLESHOOTING

- **Issue: Rotary roller not functioning correctly.**
Solution: Ensure the GRBL setting parameter \$101=60 has been correctly entered in your software console and the machine has been restarted. Check all cable connections.
- **Issue: Engraving quality is poor on cylindrical objects.**
Solution: Verify that the cylindrical object is securely placed and not slipping. Re-adjust the focus of your laser module. Ensure the correct diameter setting is selected on the rotary roller.

7. SPECIFICATIONS

Feature	Detail
Manufacturer	Creality
Model Number	Creality Laser Engraving accessories
Size	Laser Rotary Roller
Adjustable Diameter	5mm - 120mm (7 gears)
Item Weight	1.1 Kilograms
Package Weight	1.2 Kilograms
Package Dimensions	24.6 x 19.7 x 8.1 cm
Batteries Required	No
Batteries Included	No
ASIN	B0C8B6RM8F
Date First Available	August 8, 2023

8. SUPPORT

Creality is committed to providing a pleasant shopping experience. Our professional customer service team is available to assist with any questions or issues you may encounter. Please feel free to contact us for friendly and prompt support, with problems typically resolved within 24 hours.

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

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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