

## Flyrivergo WYS-5

# Jewelry Rock Saw Instruction Manual

Model: WYS-5 | Brand: Flyrivergo

## INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Flyrivergo Jewelry Rock Saw. This versatile lapidary equipment is designed for light-duty DIY tasks, combining cutting and polishing functionalities for various materials such as jade, wood, beeswax, and gem stones. Please read this manual thoroughly before initial use and retain it for future reference.

## SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Failure to follow these instructions may result in injury or damage to the equipment.

- **Eye Protection:** Always wear the complimentary goggles or other appropriate eye protection to shield against flying debris.
- **Stable Work Surface:** Ensure the machine is placed on a stable, level surface. Use the provided screws to secure it to a countertop if necessary to prevent wobbling or vibration during operation.
- **Power Connection:** Connect the machine to a grounded 110V power outlet. Do not use extension cords that are not rated for the tool's wattage.
- **Accidental Starting:** Utilize the separate on/off button to prevent accidental starting. Always turn off and unplug the machine before making adjustments, changing accessories, or performing maintenance.
- **Blade Protection:** Keep the blade protector in place during cutting operations to block dust and debris.
- **Material Compatibility:** The diamond saw blade is designed for cutting stones and hard materials under light loads. The alloy steel blade is for wood. Do not attempt to cut materials beyond the tool's intended capacity.
- **Light-Duty Use:** For optimal machine and blade longevity, perform light-duty cutting only. Avoid excessive force or pressure.
- **Water Management:** Use the small sink provided under the saw blade for wet cutting applications to manage dust and cool the blade.
- **Clear Work Area:** Keep the work area clean and free of clutter. Remove any loose items that could interfere with the machine's operation.
- **Ventilation:** Operate the machine in a well-ventilated area.

- **Children and Bystanders:** Keep children and bystanders away from the operating area.

## PACKAGE CONTENTS

Upon unpacking, verify that all items listed below are present and undamaged. If any parts are missing or damaged, contact customer support.



Image: Overview of the Flyrivergo Jewelry Rock Saw and its complete set of accessories.

- Main Unit (Table Saw Polisher)
- Flexible Shaft
- Drill Chuck
- Drill Arbor Adapter
- Tapered Spindles (2)
- Diamond Saw Blade (for stone)

- Alloy Steel Saw Blade (for wood)
- Pressure Plates (2)
- Hex Wrenches (2)
- Carbon Brushes (2)
- Slide Rail
- Dust Cover
- Pusher Angle Ruler
- Small Sink
- Goggles
- Wrenches (for blade installation)
- Screwdriver
- Keys (for drill chuck)
- Butterfly Screws (for slide rail)
- Set of Polishing Consumables (various polishing wheels and rods)

## SETUP

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Follow these steps to set up your Jewelry Rock Saw for operation.

### 1. Installing the Saw Blade

1. Identify the correct side of the spindle for your chosen saw blade. The spindle has two sides: one for 20mm inner diameter blades and another for 16mm inner diameter blades.
2. Place the desired saw blade (Diamond for stone, Alloy Steel for wood) onto the spindle. Ensure the side with two protrusions on the blade suits an inner diameter of 150mm.
3. Secure the blade with the provided pressure plate and tighten it using the wrenches. Ensure the blade is firmly secured and does not contact any other part of the machine body.

# PRODUCT DETAILS

Safer and more reliable manual experience

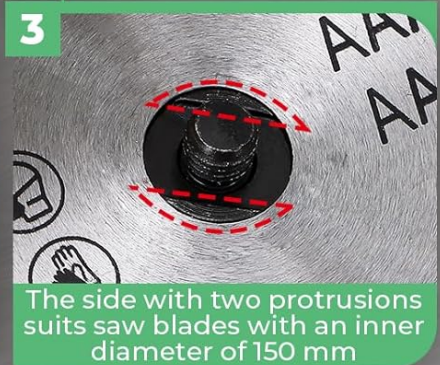


Image: Detailed view of the saw blade installation process, showing the butterfly screws for the slide and short screws for the dust cover.

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Video: A step-by-step tutorial demonstrating the installation of the mini table saw polisher components, including the saw blade and flexible shaft.

## 2. Attaching the Dust Cover and Slide Rail

1. Use the two short screws to attach the dust cover over the saw blade.
2. Place the removable slide rail onto the table top. Secure it using the two sets of butterfly screws from underneath the table.
3. The pusher angle ruler can be adjusted along the slide rail for precise cutting angles.

## 3. Installing Polishing Wheels or Flexible Shaft

The machine supports various polishing wheels and a flexible shaft for different applications.

- **For Polishing Wheels:** Attach the desired polishing wheel (e.g., Grinding Wheel, Fiber Wheel, Cotton Wheel, Rigid



Cotton Wheel) to the left side spindle. Secure it with the appropriate pressure plates and nuts.

- **For Flexible Shaft:**

- a. Align the raised part of the flexible shaft with the corresponding notch in the motor head.
- b. Insert it firmly until you hear a "click" to ensure it is securely connected.
- c. Attach the drill chuck or other compatible accessories to the end of the flexible shaft. The drill chuck is equipped with a key and hex wrench for tightening.

## GREAT VARIETY OF COMBINATIONS

Various combinations to create a unique polishing experience for you



Grinding Wheel



Fiber Wheel



Cotton Wheel



Rigid Cotton Wheel



Drill Chuck



Flexible Shaft



Image: A selection of polishing wheels and attachments for the flexible shaft, demonstrating the machine's versatility.

## OPERATING INSTRUCTIONS

This section details how to operate the different functions of your Jewelry Rock Saw.

### 1. Powering On and Speed Adjustment

- Ensure all components are securely installed and your work area is prepared.

- Plug the machine into a 110V power outlet.
- Press the ON/OFF button to power on the machine.
- Adjust the speed knob to achieve the desired RPM for your task. The motor can reach up to 10,000 RPM.

# DESIGNED FOR LIGHT-DUTY DIY TASKS



Feature-  
Rich



Easy Speed  
Adjustment



Stabilized  
Polishing



Image: The machine's motor and speed control knob, illustrating the adjustable speed feature up to 10,000 RPM.

## 2. Cutting Operations (Saw Blade)

- Ensure the appropriate saw blade (diamond for stone, alloy steel for wood) is installed.
- Position the material to be cut against the slide rail and pusher angle ruler for stability and precise cuts.
- Slowly feed the material into the rotating blade. Apply light, consistent pressure.
- For stone cutting, ensure the small sink is filled with water to cool the diamond blade and minimize dust.





## UPGRADE DIAMOND MATERIAL

Our jade saw blade is upgraded with materials. However, we still recommend only light-duty cutting and avoid hard stones.

## EFFICIENT WOOD CUTTING

Sharp wood saw teeth for easy cutting of all kinds of wood (please use with care to prevent scratches)

Image: A visual comparison highlighting the upgraded diamond saw blade for stone and the alloy steel saw blade for efficient wood cutting.

### 3. Polishing and Grinding Operations (Polishing Wheels)

- With the desired polishing wheel installed on the left spindle, power on the machine and adjust the speed.
- Gently bring the workpiece into contact with the rotating polishing wheel.
- Move the workpiece consistently to achieve an even polish or grind.

### 4. Flexible Shaft Operations

- Ensure the flexible shaft is securely attached to the motor and the desired accessory (e.g., drill chuck, grinding bit) is installed.
- The flexible shaft allows for precise, detailed work in hard-to-reach areas.
- Use for tasks such as fine grinding, rust removal, sanding, and carving on various materials.



Image: Demonstrations of the flexible shaft being used for various applications including grinding, rust removal, sanding, and carving.

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Video: A demonstration showcasing the multifunctional capabilities of the lapidary saw, including cutting and polishing various materials.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Jewelry Rock Saw.

- **Cleaning:** After each use, unplug the machine and clean off any dust or debris from the machine body, blades, and accessories. Use a soft cloth. For wet cutting, empty and clean the small sink.
- **Blade Inspection:** Regularly inspect saw blades for wear, damage, or dullness. Replace worn blades to maintain cutting efficiency and safety.
- **Carbon Brushes:** The motor uses carbon brushes. If the motor performance degrades over time, the carbon brushes may need replacement. Refer to the included carbon brushes in the package contents.
- **Storage:** Store the machine and its accessories in a clean, dry place away from direct sunlight and extreme



temperatures.

TROUBLESHOOTING

If you encounter issues with your Jewelry Rock Saw, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Machine does not turn on.	No power, loose connection, faulty switch.	Check power outlet, ensure plug is fully inserted, press ON/OFF button firmly.
Blade not cutting effectively.	Dull blade, incorrect blade for material, insufficient speed.	Replace blade, ensure correct blade type is used, increase speed.
Excessive vibration or wobbling.	Machine not secured, loose blade, uneven surface.	Secure machine to countertop, tighten blade, place on a flat surface.
Motor smoking or overheating.	Overload, prolonged use, worn carbon brushes.	Reduce load, allow machine to cool, inspect/replace carbon brushes. If problem persists, discontinue use and contact support.
Flexible shaft not rotating.	Not securely connected, internal issue.	Ensure flexible shaft is clicked into place. If still not working, contact support.

SPECIFICATIONS

# TAKES UP LITTLE SPACE

No Wooble No Vibration



Image: The compact dimensions of the Jewelry Rock Saw, ideal for small workspaces.

Feature	Detail
Model	WYS-5
Brand	Flyrivergo
Voltage	110 Volts
Wattage	750 watts
Speed	Up to 10,000 RPM
Product Dimensions (L x W x H)	9.84" x 9.25" x 5.5"
Item Weight	14.28 pounds
Blade Material	Diamond (for stone), Alloy Steel (for wood)

Feature	Detail
Power Source	Corded Electric
Surface Recommendation	Wood, Stone, Metal

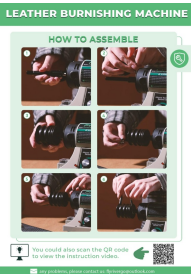


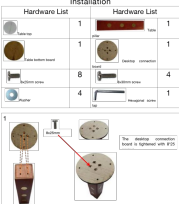
WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please refer to the warranty card included with your product or visit the official Flyrivergo website. Keep your purchase receipt as proof of purchase for warranty claims.

For additional assistance, you may contact Flyrivergo customer service through their official channels.

*Note: Specific warranty terms and conditions may vary.*

Related Documents - WYS-5

	<p><a href="#">Flyrivergo Leather Burnishing Machine Assembly and Usage Guide</a></p> <p>A comprehensive guide to assembling and using the Flyrivergo Leather Burnishing Machine, including safety precautions and usage tips.</p>
	<p><a href="#">Flyrivergo Photography Turntable User Manual</a></p> <p>Instructions and guidance for operating the Flyrivergo Photography Turntable, including setup, remote control functions, and special notes for use with 13.7-inch and 16.5-inch models.</p>
	<p><a href="#">Rocita J-280C Bone Saw Machine User Manual</a></p> <p>User manual for the Rocita J-280C Bone Saw Machine, covering introduction, safety tips, assembly, operation, cleaning, maintenance, and customer service.</p>
	<p><a href="#">Mercer41 Furniture Installation Guide: Table and Chair Set Assembly</a></p> <p>Step-by-step instructions for assembling a Mercer41 conference table and chair set, including hardware lists and detailed visual descriptions for each stage of assembly.</p>





## [WYS-2306BT Wireless Speaker User Manual](#)

User manual for the WYS-2306BT Wireless Speaker, detailing its functions, technical specifications, and FCC compliance information.