

Grizzly G0528

Grizzly Industrial G0528 Sliding Router Table User Manual

Model: G0528 | Brand: Grizzly

1. INTRODUCTION

This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your Grizzly Industrial G0528 Sliding Router Table. Please read this manual thoroughly before assembly or operation to ensure proper use and to prevent personal injury or damage to the equipment. Keep this manual for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when using power tools. This router table is designed for woodworking applications. Misuse can result in serious injury.

- **Read All Instructions:** Familiarize yourself with the controls and proper use of the router table and your router.
- **Wear Eye Protection:** Always wear safety glasses or a face shield.
- **Use Hearing Protection:** Prolonged exposure to noise can cause hearing damage.
- **Keep Work Area Clean:** Cluttered areas invite accidents.
- **Do Not Operate in Hazardous Environments:** Do not use power tools in damp or wet locations, or expose them to rain.
- **Keep Children Away:** All visitors should be kept a safe distance from the work area.
- **Secure Workpiece:** Always use clamps or other practical ways to secure the workpiece to a stable platform.
- **Maintain Tools with Care:** Keep tools sharp and clean for best and safest performance.
- **Disconnect Power:** Always disconnect the router from the power source before making adjustments, changing accessories, or performing maintenance.
- **Avoid Accidental Starting:** Ensure the switch is in the OFF position before plugging in.
- **Use Proper Extension Cords:** Ensure extension cords are in good condition and of adequate gauge.
- **Never Reach Into the Router Bit Area:** Keep hands clear of the cutting path.
- **Use Push Sticks:** For small workpieces, always use a push stick to guide the material.

3. PRODUCT OVERVIEW

The Grizzly Industrial G0528 Sliding Router Table is designed to enhance precision and versatility in your woodworking projects. It features a robust construction and a sliding table for accurate routing operations.

Key Features:

- Accepts any brand of portable router from 3/4 HP to 5 HP.
- Cast iron table can be tilted 45° for convenient router installation and access.
- Features an extruded aluminum sliding table and fence for smooth operation and precise cuts.
- Main table surface dimensions: 30 3/4" x 9 7/8".
- Sliding table surface dimensions: 30 3/4" x 12 1/4".



Figure 1: Overview of the Grizzly G0528 Sliding Router Table, highlighting key components such as the adjustable split fence, built-in dust port, sliding table with hold-down clamp, wide stable stand, large safety paddle switch, and tilt-up table for easy router access.

4. SETUP AND ASSEMBLY

Careful assembly is crucial for the performance and safety of your router table. Follow these steps sequentially.

4.1 Unpacking and Inspection

1. Carefully remove all components from the packaging.
2. Inspect all parts for shipping damage. Report any damage immediately to the carrier and Grizzly Industrial.
3. Verify that all parts listed in the packing list are present.

4.2 Assembly of Stand and Table

Assemble the stand components according to the provided diagrams. Ensure all fasteners are securely tightened. It is recommended to assemble the stand and table upside down on a stable surface for easier access to mounting points.

- Attach the legs to the lower shelf and then to the main table frame.
- Ensure all bolts, washers, and nuts are used as specified. Do not overtighten until all components are loosely fitted.
- Once all parts are in place, progressively tighten all fasteners.

4.3 Router Installation

The G0528 table is designed to accept various portable routers. Ensure your router is securely mounted before operation.

1. Disconnect the router from its power source.
2. Tilt the main table to access the router mounting plate.
3. Align your router with the pre-drilled holes on the mounting plate. If necessary, drill new holes to match your router's base.
4. Secure the router to the mounting plate using appropriate hardware. Ensure it is firmly clamped and does not wobble.
5. Return the table to its horizontal position and secure it.

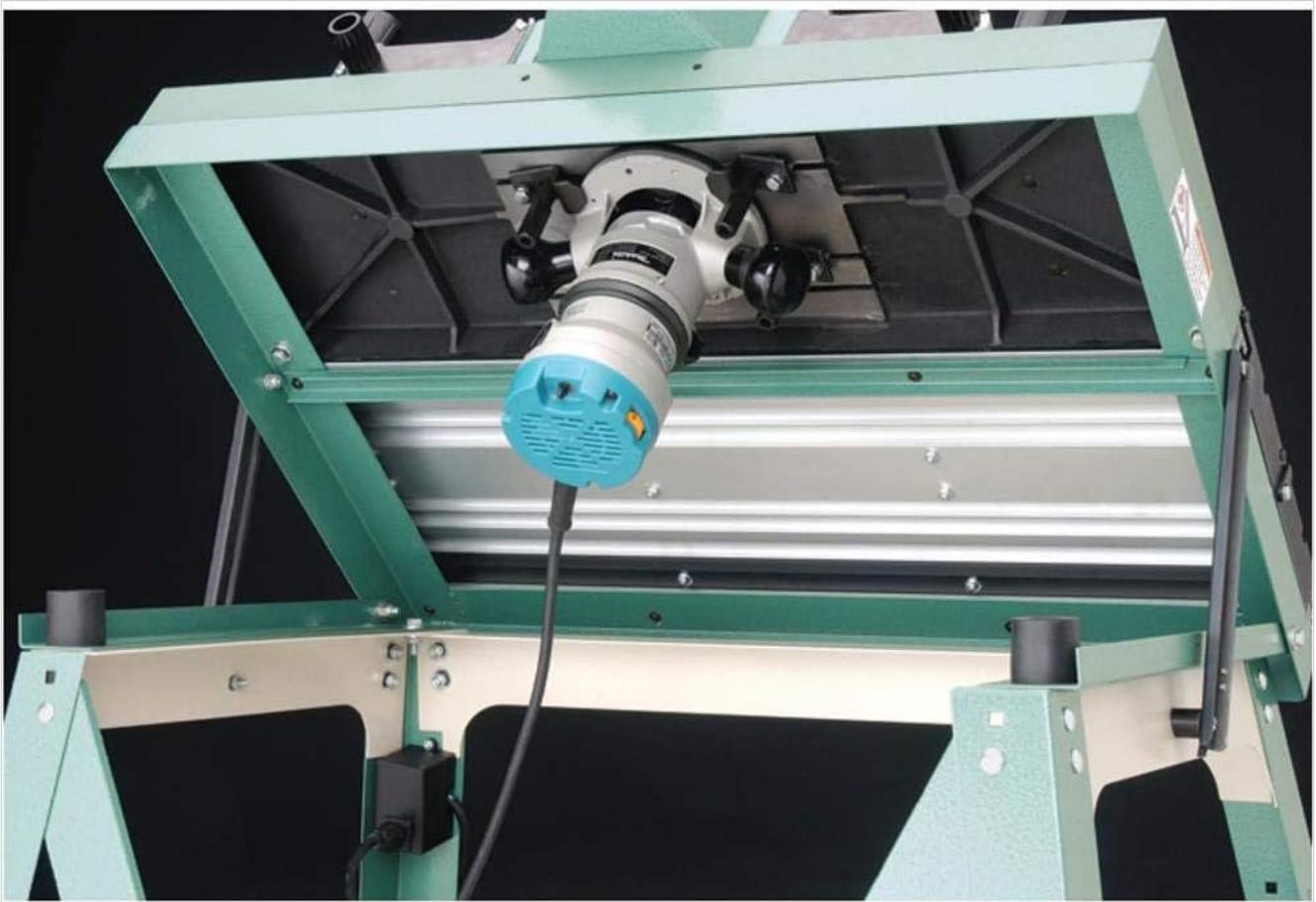


Figure 2: The main table tilted upwards, providing convenient access for installing or adjusting a router underneath the table surface.

4.4 Fence and Sliding Table Adjustment

Proper adjustment of the fence and sliding table is critical for accurate routing.

- **Fence:** Loosen the fence locking knobs, position the fence to the desired distance from the router bit, and then securely tighten the knobs. Use a square to ensure the fence is perpendicular to the table surface.
- **Sliding Table:** The sliding table moves freely along its tracks. Ensure the hold-down clamp is properly positioned to secure the workpiece during operation.

5. OPERATING INSTRUCTIONS

Always wear appropriate safety gear, including eye and hearing protection, before operating the router table.

5.1 Power Connection

- Ensure the router's power switch is in the OFF position.
- Plug the router into the safety paddle switch on the router table.
- Plug the router table's power cord into a grounded 120V AC outlet.

5.2 Adjusting Router Bit Height

- Disconnect power to the router.
- Adjust the router bit height using your router's depth adjustment mechanism.
- Reconnect power and perform a test cut on scrap material to verify the setting.

5.3 Using the Fence

The adjustable split fence allows for precise control over the workpiece. Ensure the fence is parallel to the sliding table's travel path for straight cuts.

- Position the fence to achieve the desired cut depth.
- For jointing operations, ensure the outfeed fence is slightly ahead of the infeed fence.
- Always secure the fence firmly before routing.

5.4 Utilizing the Sliding Table

The sliding table is ideal for cross-cutting, end-grain routing, and other operations requiring precise material movement.



Figure 3: A wooden workpiece being guided across the router bit using the sliding table, demonstrating its utility for precise cuts.

- Place the workpiece on the sliding table and secure it with the hold-down clamp.
- Ensure the workpiece is stable and will not shift during the cut.
- Smoothly push the sliding table and workpiece past the router bit. Maintain a consistent feed rate.

5.5 Safety Switch Operation

The large safety paddle switch provides quick and easy power control.

- To turn ON, lift the paddle switch.
- To turn OFF, press down on the large red paddle. In an emergency, simply slap the paddle to stop power.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your router table.

- **Cleaning:** After each use, disconnect power and clean the table surface, fence, and sliding mechanism. Remove all sawdust and debris, especially from the dust port.
- **Lubrication:** Periodically apply a dry lubricant to the sliding table tracks to ensure smooth operation. Avoid oil-based lubricants that can attract sawdust.
- **Inspection:** Regularly inspect all fasteners for tightness. Check the router mounting for security. Examine the power cord for any damage.
- **Storage:** Store the router table in a dry, clean environment when not in use.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your G0528 Sliding Router Table.

Problem	Possible Cause	Solution
Router bit not cutting cleanly or burning wood.	Dull router bit; incorrect feed rate; router speed too low/high.	Replace or sharpen bit; adjust feed rate; adjust router speed according to bit and material.
Fence is unstable or difficult to square.	Locking knobs not sufficiently tightened; fence components misaligned.	Ensure locking knobs are fully tightened. Check fence for squareness with a precision square and adjust as needed. Verify all assembly bolts for the fence are secure.
Router becomes loose during operation.	Router not securely clamped to the mounting plate; mounting hardware loose.	Immediately disconnect power. Re-secure the router to the mounting plate, ensuring all clamps and bolts are tightened. Regularly check router mounting before each use.
Sliding table movement is stiff or jerky.	Accumulated sawdust or debris in tracks; lack of lubrication.	Clean tracks thoroughly with compressed air or a brush. Apply a dry lubricant (e.g., silicone spray or PTFE-based lubricant) to the tracks.
Power switch does not activate router.	Router not plugged into switch; switch not plugged into outlet; router's own switch is OFF; circuit breaker tripped.	Verify all power connections. Ensure router's internal switch is ON (if applicable). Check and reset circuit breaker if necessary.

8. SPECIFICATIONS

Technical specifications for the Grizzly Industrial G0528 Sliding Router Table.

Model Number	G0528
Brand	Grizzly
Material	Alloy Steel
Power Source	AC (Corded Electric)
Voltage	120V
Max Router Horsepower	5 HP
Main Table Surface	30 3/4" W x 9 7/8" H
Sliding Table Surface	30 3/4" W x 12 1/4"
Base Type	Fixed
UPC	690550005282

9. WARRANTY AND SUPPORT

For specific warranty information regarding your Grizzly Industrial G0528 Sliding Router Table, please refer to the warranty documentation included with your purchase or visit the official Grizzly Industrial website. For technical

support, parts, or service inquiries, please contact Grizzly Industrial customer service directly.

Grizzly Industrial Contact Information:

- *Website:* www.grizzly.com
- *Customer Service:* Refer to the website for current contact numbers and hours of operation.