

GALAX PRO GP-RT-01

GALAX PRO 135W Rotary Tool Kit Instruction Manual

Model: GP-RT-01

1. INTRODUCTION

Thank you for choosing the GALAX PRO 135W Rotary Tool Kit. This versatile tool is designed for a wide range of applications, including cutting, sanding, grinding, carving, polishing, and engraving. Its variable speed control and comprehensive set of accessories make it suitable for various DIY projects and craft work. Please read this manual carefully before operating the tool to ensure safe and efficient use.

2. IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Wear Eye Protection:** Always wear safety goggles or safety glasses with side shields when operating the tool.
- **Keep Work Area Clean:** Cluttered work areas and benches invite accidents.
- **Secure Workpiece:** Always clamp or otherwise secure the workpiece to prevent movement during operation.
- **Disconnect Power:** Always disconnect the tool from the power source before changing accessories, making adjustments, or performing maintenance.
- **Avoid Accidental Starting:** Ensure the switch is in the OFF position before plugging in the tool.
- **Use Correct Accessories:** Only use accessories designed for this tool and ensure they are properly installed.
- **Maintain Good Grip:** Hold the tool firmly with both hands, especially when performing tasks that may cause kickback.
- **Keep Children Away:** Do not let children or untrained persons operate this tool.

3. PACKAGE CONTENTS

Your GALAX PRO 135W Rotary Tool Kit includes the following items:

- 1 x GALAX PRO 135W Rotary Tool
- 1 x Flexible Shaft Attachment
- 1 x Extendable Stand
- 1 x Fixed Frame
- 40 x Assorted Accessories (e.g., felt wheels, sanding bands, grinding wheels, cut-off wheels, diamond wheel points, drill bits, wrench)
- 1 x Allen Key
- 1 x Carrying Case
- 1 x User Manual



Image: Overview of the GALAX PRO 135W Rotary Tool Kit, including the main tool, flexible shaft, and various accessories neatly organized in its carrying case.



Image: A detailed view of the various accessories included, categorized for cutting, sanding, grinding, sharpening, carving, and engraving tasks.

4. PRODUCT FEATURES

- **Variable Speed Control:** The tool features a thumb wheel speed switch allowing adjustment between 8,000 and 32,500 RPM. This enables precise control for different materials and tasks, from delicate engraving to aggressive grinding.



Copper core

The rotor uses a copper wire that can resist the temperature up to 392°F



Adjustable Speed Thumbwheel

It has 6 levels of rotation speed from 8,000 rpm to 32,500 rpm ensures an optimal cutting result

Image: A close-up of the rotary tool highlighting its copper core for durability and the 6-level adjustable speed thumbwheel for precise control.

- **Quick Accessory Change:** A built-in collet lock button facilitates easy and quick attachment changes, minimizing downtime between tasks.
- **Comfortable Grip and Lightweight Design:** The ergonomic soft grip reduces vibration, providing optimal handling and control. Its lightweight design helps prevent fatigue during extended use.
- **Flexible Shaft Attachment:** For enhanced precision and access to intricate areas, the flexible shaft allows for pen-like handling, ideal for detailed work.



Image: A user demonstrating the flexible shaft attachment, connected to the main rotary tool, for precise carving on a small wooden object.

- **Versatile Applications:** This 135W rotary tool is capable of performing a wide array of tasks including cutting, sanding, grinding, carving, polishing, engraving, sharpening, drilling, and smoothing.



Versatile **135W** Rotary Multitool

Different accessories meet to cut, drill, engrave, grind, mill, polish, sand, scrape, sharpen, shape or remove burrs

Image: Several views of the GALAX PRO rotary tool, each fitted with a different accessory, illustrating its versatility for various applications.

5. SETUP INSTRUCTIONS

5.1 Attaching Accessories to the Rotary Tool

1. Ensure the tool is unplugged from the power source.
2. Press and hold the collet lock button located on the front of the tool.
3. Unscrew the collet nut.
4. Insert the desired accessory shank into the collet. Ensure the shank is fully seated.
5. Tighten the collet nut securely while still holding the collet lock button. Release the button once tightened.



Image: A diagram illustrating key components of the rotary tool, including the collet button for accessory changes, the main switch, and the carbon brush access.

5.2 Attaching the Flexible Shaft

1. Ensure the rotary tool is unplugged.
2. Remove the collet nut and collet from the main rotary tool.
3. Insert the flexible shaft's inner drive cable into the rotary tool's shaft.
4. Screw the flexible shaft's coupling nut onto the rotary tool's threaded collar until secure.
5. To attach an accessory to the flexible shaft handpiece, use the provided Allen key to loosen the collet nut on the handpiece, insert the accessory, and then tighten the nut.

Video: This video demonstrates the process of attaching the flexible shaft to the GALAX PRO rotary tool and how to insert accessories into the flexible shaft's handpiece for detailed work.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

To turn the tool ON, slide the power switch to the 'I' position. To turn it OFF, slide the switch to the 'O' position.

6.2 Adjusting Speed

Use the variable speed thumb wheel to select the desired RPM. Start with a lower speed for delicate tasks or softer materials and increase the speed for harder materials or more aggressive removal.

6.3 General Usage Tips

- Apply light pressure; let the tool and accessory do the work. Excessive pressure can cause the tool to overheat or stall.
- Move the tool continuously to avoid creating grooves or burning the workpiece.
- Always test on a scrap piece of material first to determine the optimal speed and accessory for your task.

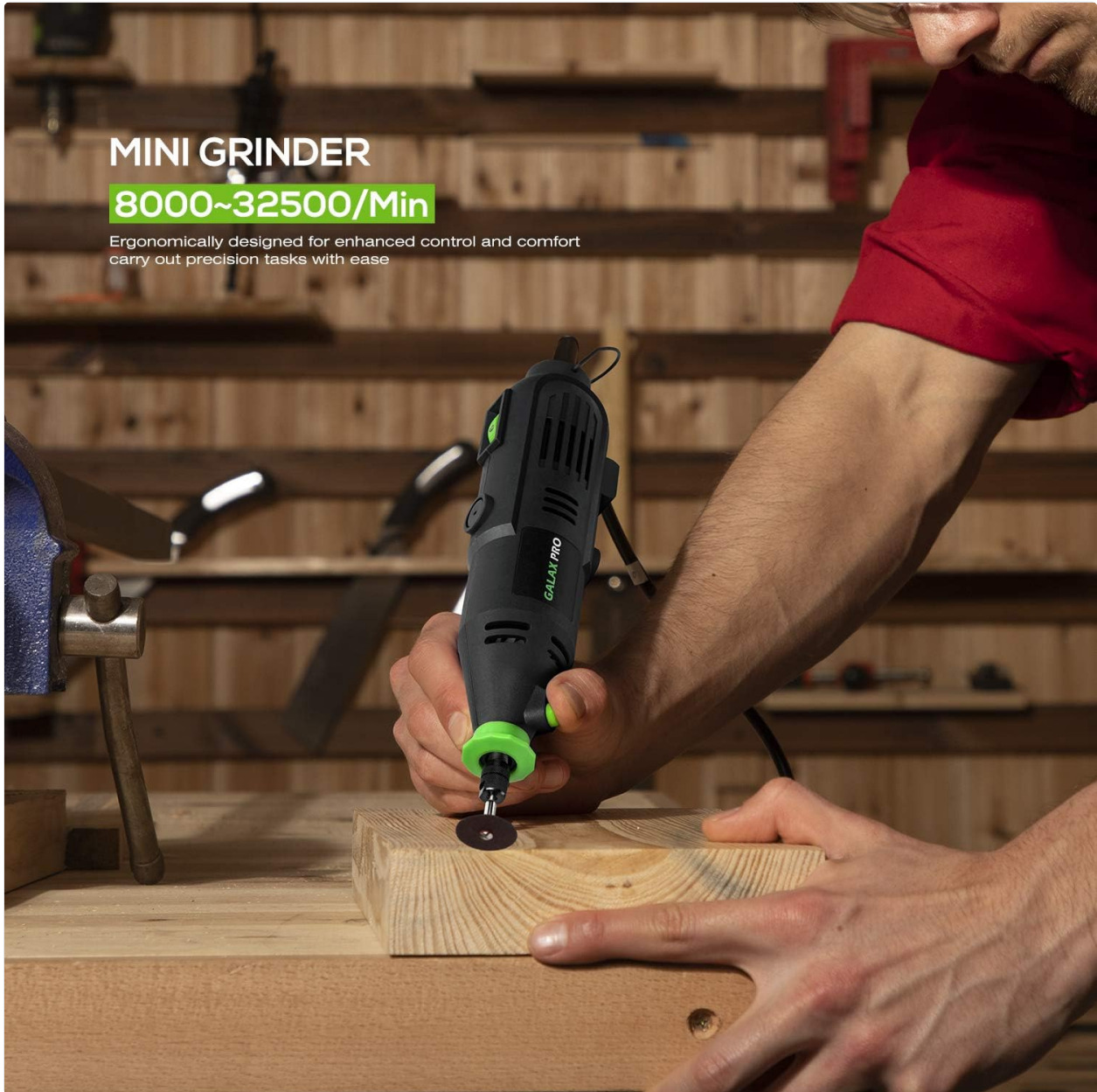


Image: A user operating the GALAX PRO rotary tool to sand a wooden workpiece, demonstrating its use for finishing tasks.



Image: The rotary tool being used to grind a metal chisel, illustrating its capability for sharpening and material removal on hard surfaces.



Image: A composite image showing the rotary tool performing multiple tasks, including polishing a seashell and cutting a metal object, highlighting its diverse applications.

7. MAINTENANCE

7.1 Cleaning

After each use, unplug the tool and clean it with a soft, damp cloth. Remove any dust or debris from the ventilation slots to ensure proper cooling. Do not use harsh chemicals or abrasive cleaners.

7.2 Carbon Brush Replacement

The carbon brushes in your rotary tool are wear items. If the tool experiences reduced power or intermittent operation, the carbon brushes may need replacement. Refer to the diagram in Section 5.1 for the location of the carbon brush access. Consult a qualified service technician if you are unsure how to replace them.

7.3 Storage

Store the tool and all accessories in the provided carrying case in a dry, secure location, out of reach of children.

8. TROUBLESHOOTING

If you encounter issues with your rotary tool, refer to the following common troubleshooting steps:

- **Tool Not Starting:** Check if the power cord is securely plugged into a working outlet. Ensure the power switch is in the 'ON' position.
- **Loss of Power/Intermittent Operation:** This could indicate worn carbon brushes (see Section 7.2) or an issue with the power supply.
- **Excessive Vibration:** Ensure the accessory is properly inserted and tightened in the collet. Check if the accessory is damaged or bent; replace if necessary.
- **Overheating:** Ensure ventilation slots are clear of debris. Avoid applying excessive pressure during operation.

If these steps do not resolve the issue, please contact customer support.

9. SPECIFICATIONS

Specification	Value
Brand	GALAX PRO
Model Number	GP-RT-01
Voltage	120 Volts
Power Source	AC
Minimum Rotational Speed	8000 RPM
Maximum Rotational Speed	32500 RPM
UPC	675234543205

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included with your product or contact GALAX PRO customer service. Keep your purchase receipt as proof of purchase.

For further assistance, visit the official GALAX PRO website or contact their support team directly.