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> [GoGonova 4V Cordless Mini Rotary Tool User Manual](#)

## GoGonova GT19002-L4-EU-V1A59

# GoGonova 4V Cordless Mini Rotary Tool

User Manual

## INTRODUCTION

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Thank you for choosing the GoGonova 4V Cordless Mini Rotary Tool. This versatile tool is designed for various small-scale DIY projects, including sanding, polishing, cutting, cleaning, and engraving. Its compact and lightweight design, combined with a range of accessories, makes it ideal for detailed work on materials such as wood, soft metal, plastic, and stone. Please read this manual thoroughly before use to ensure safe and efficient operation.

## SAFETY INFORMATION

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**WARNING:** Always follow basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury.

- This cordless rotary tool is suitable only for small tasks, such as modeling, DIY, and 3D printing. It is not intended for heavy-duty professional use.
- Do not press the spindle lock button during operation, as this may cause injury or damage to the tool.
- Wear appropriate personal protective equipment, including safety glasses, gloves, and a dust mask, especially when working with materials that produce dust or debris.
- Ensure your work area is well-lit and clear of obstructions.
- Keep children and bystanders away while operating the tool.
- The tool's battery is equipped with ventilation holes to dissipate heat. Do not block these holes during operation.
- The tool features a protection system that stops the motor in unexpected situations to prevent damage.

## PACKAGE CONTENTS

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Verify that all items are present in your package:

- 1 x GoGonova 4V Cordless Mini Rotary Tool
- 43 x Assorted Accessories (e.g., sanding bands, polishing wheels, grinding wheels, diamond bits)
- 1 x USB-C Charging Cable
- 1 x User Manual

**POWER UP YOUR INNOVATION**



Image: GoGonova 4V Cordless Mini Rotary Tool and its 43 accessories, including sanding bands, polishing wheels, grinding wheels, and various diamond bits, along with the USB-C charging cable.

## **PRODUCT OVERVIEW**

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Familiarize yourself with the components of your GoGonova Mini Rotary Tool:



Image: Detailed diagram of the GoGonova 4V Cordless Mini Rotary Tool, highlighting its key components: Keyless Chuck, Heat Dissipation Holes, Speed Indicator, On/Off Switch, USB Charging Port, and Spindle Lock Button.

- **Keyless Chuck:** Allows for quick and easy changing of accessories without a wrench.
- **Spindle Lock Button:** Engages to hold the spindle stationary for accessory changes. **Do not press during operation.**
- **On/Off Switch:** Powers the tool on or off.
- **Speed Indicator:** Displays the current speed setting (Low, Medium, High).
- **Heat Dissipation Holes:** Designed to prevent overheating during prolonged use.
- **USB Charging Port:** For connecting the USB-C cable to recharge the internal battery.

## SETUP

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Follow these steps to install an accessory:

1. Press and hold the spindle lock button.
2. Rotate the keyless chuck counter-clockwise to open it.
3. Insert the desired accessory (e.g., a grinding bit) into the chuck until it is fully seated.
4. Rotate the keyless chuck clockwise to tighten it securely around the accessory.
5. Release the spindle lock button.



Image: Step-by-step visual guide demonstrating the installation of an accessory into the rotary tool's keyless chuck, from pressing the lock button to securing the bit.

## OPERATING INSTRUCTIONS

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### Powering On and Speed Selection

1. Ensure an accessory is securely installed.
2. Press the On/Off switch to power on the tool. The speed indicator will light up.
3. Press the speed adjustment button to cycle through the 3 variable speed settings: Low (5000 RPM), Medium (10000 RPM), and High (18000 RPM). Select the appropriate speed for your task and material.
4. To turn off the tool, press the On/Off switch again.

### Applications

The GoGonova Mini Rotary Tool is suitable for a variety of applications:

- **Sanding:** Use sanding bands for smoothing rough surfaces on wood, plastic, or soft metals.
- **Polishing:** Apply polishing wheels with appropriate compounds to achieve a smooth, shiny finish.
- **Cutting:** Utilize cutting discs for light cutting tasks on thin materials.
- **Cleaning:** Use brush attachments for cleaning and deburring.
- **Engraving:** Employ diamond bits for intricate designs on various materials like glass, stone, or metal.



Image: Visual examples of the rotary tool in use for sanding wood, engraving glass, polishing metal, and cleaning a surface.

## CHARGING

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The GoGonova Mini Rotary Tool is powered by a rechargeable Lithium-ion battery. To charge the tool:

1. Connect the provided USB-C charging cable to the USB charging port on the tool.
2. Plug the other end of the USB-C cable into a compatible USB power adapter (not included) or a computer USB port.
3. The charging indicator light will illuminate to show that the tool is charging.
4. Once fully charged, the indicator light may change color or turn off, depending on the model.  
Disconnect the tool from the charging cable.

The tool features built-in protection systems for temperature, charging, overcurrent, and short circuits to ensure safe charging and operation.



Image: The GoGonova 4V Cordless Mini Rotary Tool being charged via its USB-C port, connected to an external power bank, illustrating the charging process and safety features like temperature and overcurrent protection.

## MAINTENANCE

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Proper maintenance ensures the longevity and performance of your tool:

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth. Use a soft brush to remove any dust or debris from the ventilation holes and chuck area. Do not use harsh chemicals or abrasive cleaners.
- **Accessory Care:** Clean accessories after use and store them properly to prevent damage. Replace worn or damaged accessories promptly.
- **Storage:** Store the tool and accessories in a dry, cool place, away from direct sunlight and moisture. Keep out of reach of children.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Recharge the tool before storing it for extended periods.

## TROUBLESHOOTING

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If you encounter issues with your GoGonova Mini Rotary Tool, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool does not turn on.	Battery is discharged.	Charge the tool using the USB-C cable.
Tool stops during operation.	Overload protection activated.	Reduce pressure on the tool or use a lower speed setting. Allow the tool to cool down.
Accessory wobbles or is loose.	Accessory not properly secured.	Ensure the accessory is fully inserted and the chuck is tightened securely. Replace bent or damaged accessories.
Reduced performance.	Battery low or accessory worn.	Recharge the battery. Replace the accessory if it is dull or damaged.

## SPECIFICATIONS

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Feature	Specification
Model Number	GT19002-L4-EU-V1A59 (also GT19002131/37)
Brand	GoGonova
Voltage	4 Volts (DC)
Battery Type	Lithium-ion
Battery Capacity	1500 mAh
No-Load Speed	5000 - 18000 RPM (3 variable speeds)
Torque	6 Newton-meters
Power Source	Battery Powered
Charging Port	USB-C
Product Dimensions (L x W x H)	21 x 13.4 x 5.6 cm
Weight	330 grams
Special Features	Compact, Portable, Cordless, Variable Speed Selection
Recommended Uses	Sanding, Polishing, Cutting, Cleaning, Engraving

## WARRANTY AND SUPPORT

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GoGonova products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase documentation or visit the official GoGonova website. Please retain your proof of purchase for warranty claims.

