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## Bosch Professional GRO 12V-35

# Bosch Professional 12V System Cordless Rotary Tool GRO 12V-35 User Manual

Model: GRO 12V-35 | Brand: Bosch Professional

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Bosch Professional 12V System Cordless Rotary Tool GRO 12V-35. Please read all instructions carefully before use to ensure optimal performance and user safety. This tool is designed for grinding, polishing, cutting, and other precision applications.

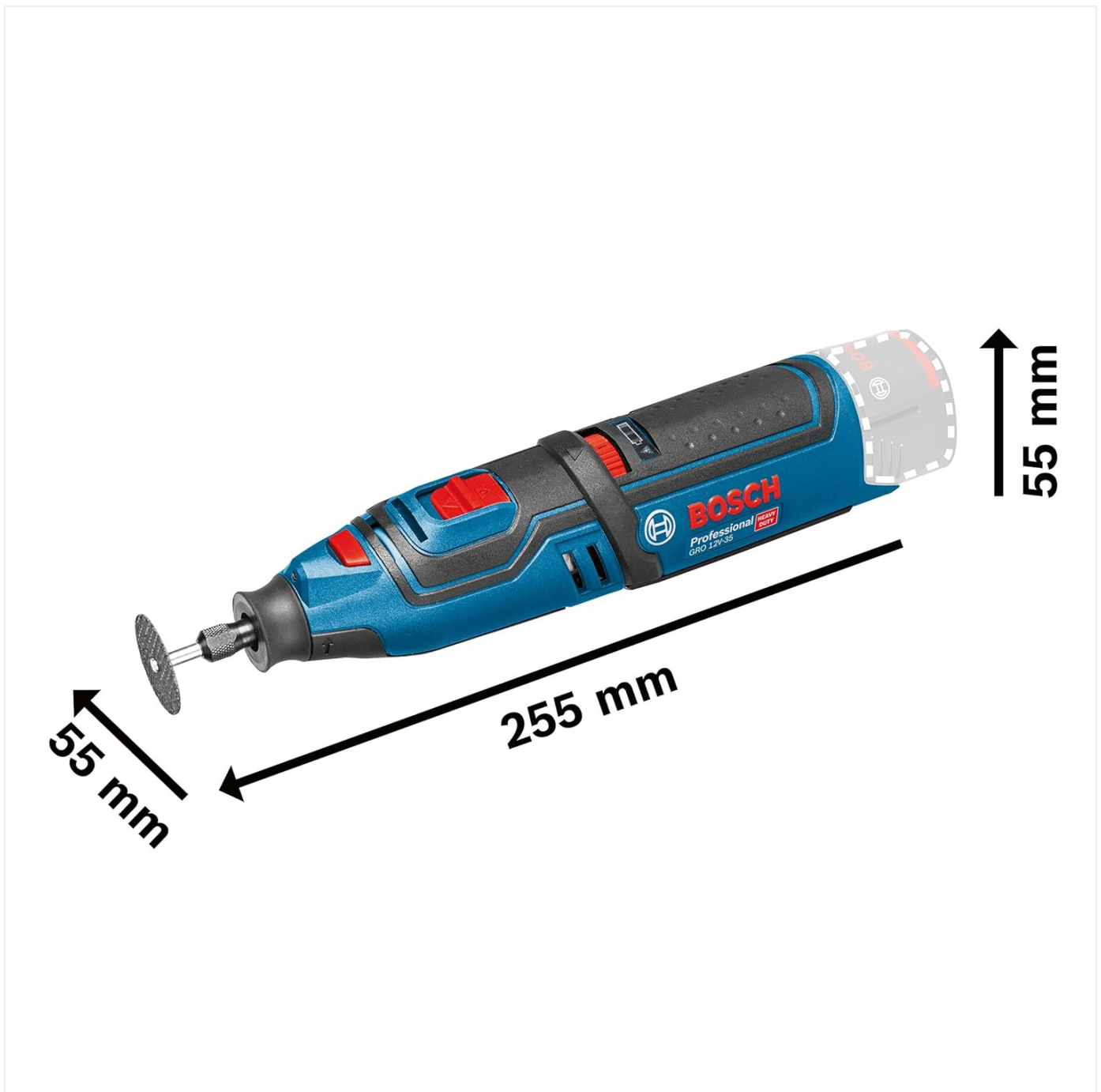
### General Safety Warnings

- Always wear appropriate personal protective equipment (PPE) such as safety glasses, gloves, and hearing protection.
- Ensure the work area is clean and well-lit. Cluttered or dark areas invite accidents.
- Keep children and bystanders away while operating the power tool. Distractions can cause you to lose control.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Always disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.

## 2. COMPONENTS AND OVERVIEW

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The Bosch Professional GRO 12V-35 is a compact and versatile cordless rotary tool. Key components include the tool body, spindle lock, speed adjustment dial, on/off switch, and battery interface.



**Figure 2.1:** Overview of the Bosch Professional GRO 12V-35 Cordless Rotary Tool, showing its compact design and approximate dimensions (255 mm length, 55 mm width).

### Included Components (may vary by package)

- GRO 12V-35 Cordless Rotary Tool
- Clamping Collet
- Spanner/Key for accessory changes
- Cutting Disc (example accessory)
- Accessory Set (various bits for grinding, polishing, etc.)
- L-BOXX Inlay (for organized storage)
- *Note: Battery and charger are typically sold separately.*

## 3. SETUP

### 3.1 Battery Installation

1. Ensure the battery is fully charged before first use.
2. Align the battery pack with the battery interface at the rear of the tool.
3. Slide the battery pack into the tool until it clicks securely into place.
4. To remove, press the release button on the battery pack and slide it out.

## 3.2 Attaching Accessories

1. Ensure the tool is switched off and the battery is removed.
2. Press and hold the spindle lock button located near the collet.
3. Use the provided spanner/key to loosen the collet nut by turning it counter-clockwise.
4. Insert the shank of the desired accessory into the collet. Ensure the accessory is fully seated.
5. While still holding the spindle lock, tighten the collet nut clockwise with the spanner/key until the accessory is firmly secured. Do not overtighten.
6. Release the spindle lock.

**Important:** Always use accessories with the correct shank diameter for the installed collet. Using incorrect sizes can lead to poor performance or injury.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Powering On/Off

- To switch on the tool, slide the ON/OFF switch forward.
- To switch off the tool, slide the ON/OFF switch backward.

### 4.2 Speed Adjustment

The GRO 12V-35 features variable speed control, ranging from 5,000 to 35,000 revolutions per minute (RPM). Adjust the speed using the rotary dial located on the tool body. Lower speeds are suitable for polishing and delicate work, while higher speeds are ideal for grinding and cutting.

### 4.3 Application Examples



**Figure 4.1:** Using the rotary tool with a cutting disc for metal work. Ensure proper ventilation and wear eye protection.

- **Cutting:** Use appropriate cutting discs for materials like metal, plastic, or wood. Apply light, consistent pressure.
- **Grinding/Sanding:** Attach grinding stones or sanding drums. Move the tool steadily across the surface to achieve an even finish.
- **Polishing:** Use polishing pads or buffs with polishing compound. Operate at lower speeds for best results.
- **Engraving:** Utilize engraving bits for detailed work on various materials.



**Figure 4.2:** Sanding a wooden surface with the rotary tool. Maintain a firm grip and control.



**Figure 4.3:** Grinding a metal fixture embedded in a wall. Sparks are generated, requiring appropriate safety measures.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your rotary tool.

### 5.1 Cleaning

- Always disconnect the battery before cleaning.
- Clean the ventilation openings regularly to prevent overheating. Use a soft brush or compressed air.
- Wipe the tool housing with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Remove any dust or debris from the collet and collet nut after each use.

### 5.2 Storage

- Store the tool and accessories in a dry, secure place, out of reach of children.

- If storing for extended periods, remove the battery pack from the tool.
- The L-BOXX inlay provides an excellent storage solution for the tool and its accessories.

## 6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Tool does not start.	Battery not inserted correctly or discharged.	Ensure battery is fully inserted. Charge or replace battery.
Tool stops during operation.	Overload protection activated or battery discharged.	Reduce pressure on the tool. Allow tool to cool. Charge or replace battery.
Excessive vibration or noise.	Accessory not properly secured or damaged.	Check and re-tighten accessory. Replace damaged accessories.
Accessory slips in collet.	Collet nut not tight enough or incorrect collet size.	Tighten collet nut firmly. Ensure correct collet for accessory shank diameter.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	GRO 12V-35 (06019C5000)
Brand	Bosch Professional
Battery Voltage	12 Volts
Battery Type	Lithium-Ion (Li-Ion)
No-load Speed	5,000 – 35,000 RPM
Weight (without battery)	Approximately 600g
Dimensions (L x W x H)	33.5 x 21.4 x 8 cm (packaging)
Power Source	Battery Powered
Special Feature	Cordless
Country of Origin	China

## 8. WARRANTY AND SUPPORT

Bosch Professional products are manufactured to high-quality standards. For warranty information, service, or technical support, please refer to the official Bosch Professional website or contact your local authorized dealer. Keep your proof of purchase for warranty claims.

**Online Resources:** For additional information, product registration, and a list of service centers, visit the official Bosch Professional website.



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