

Ingco RGH9028

Ingco RGH9028 800W Rotary Hammer Drill Instruction Manual

Model: RGH9028

1. INTRODUCTION

Thank you for choosing the Ingco RGH9028 800W Rotary Hammer Drill. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your tool. Please read this manual thoroughly before use and keep it for future reference.

General Safety Warnings

- Always wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, and gloves.
- Ensure the work area is well-lit and clear of obstructions.
- Keep children and bystanders away while operating the power tool.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Always disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool.

2. PRODUCT OVERVIEW

The Ingco RGH9028 is a versatile rotary hammer drill designed for drilling in concrete, masonry, wood, and metal, as well as light chiseling applications. It features an SDS Plus chuck for quick bit changes and an auxiliary handle for improved control.



Figure 2.1: Main view of the Ingco RGH9028 Rotary Hammer Drill, showcasing its yellow and black design with the auxiliary handle attached.



Figure 2.2: Side view of the Ingco RGH9028 Rotary Hammer Drill, highlighting the mode selector switch and ventilation slots.

Key Components:

- **SDS Plus Chuck:** For quick and secure insertion of drill bits and chisels.

- **Mode Selector Switch:** Allows selection between drilling, hammer drilling, and chiseling functions.
- **Auxiliary Handle:** Provides additional grip and control during operation.
- **Depth Gauge:** For precise drilling depth control.
- **Trigger Switch:** Controls the tool's operation.

3. SPECIFICATIONS

Feature	Specification
Brand	Ingco
Model	RGH9028
Input Power	800 W
No-load Speed	0-1100 rpm
Impact Rate	0-4000 bpm
Impact Energy	2.5 J
Chuck System	SDS Plus
Voltage	220 V
Amperage	16 A
Item Weight	3.3 kg
Included Components	3 Drill Bits, 2 Chisels

4. SETUP

4.1 Attaching the Auxiliary Handle

1. Loosen the auxiliary handle by rotating it counter-clockwise.
2. Slide the handle onto the front of the tool body.
3. Adjust the handle to a comfortable working position.
4. Tighten the handle by rotating it clockwise until secure.

4.2 Inserting SDS Plus Bits/Chisels

1. Clean the shank of the drill bit or chisel.
2. Insert the SDS Plus bit into the chuck until it clicks into place. Pull on the bit to ensure it is securely locked.
3. To remove, pull back the chuck sleeve and pull the bit out.

4.3 Setting the Depth Gauge

1. Insert the depth gauge into the hole on the auxiliary handle.
2. Adjust the gauge to the desired drilling depth.
3. Tighten the auxiliary handle to secure the depth gauge.

5. OPERATING INSTRUCTIONS

5.1 Selecting Operating Mode

The RGH9028 offers three operating modes:

- **Drilling Mode (Rotation Only):** For drilling in wood, metal, and plastics.
- **Hammer Drilling Mode (Rotation with Hammering):** For drilling in concrete, brick, and stone.
- **Chiseling Mode (Hammering Only):** For light chiseling, chipping, and demolition work.

To change the mode, rotate the mode selector switch to the desired icon. Ensure the tool is unplugged when changing modes to prevent accidental activation.

5.2 General Operation

1. Secure the workpiece to prevent movement.
2. Hold the tool firmly with both hands, using the main handle and the auxiliary handle.
3. Position the bit on the desired drilling or chiseling point.
4. Press the trigger switch to start the tool. Apply steady, even pressure. Do not force the tool.
5. Release the trigger switch to stop the tool.



Figure 5.1: The Ingco RGH9028 Rotary Hammer Drill being used for drilling into a concrete surface, demonstrating proper grip and application.



Figure 5.2: An operator using the Incco RGH9028 Rotary Hammer Drill for chiseling, wearing appropriate safety gear including a hard hat, safety glasses, and a dust mask.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Incco RGH9028 Rotary Hammer Drill.

6.1 Cleaning

- After each use, clean the tool's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Clear dust and debris from the ventilation openings to prevent overheating. Use compressed air if necessary.
- Clean the SDS Plus chuck regularly to ensure smooth bit insertion and removal. Apply a small amount of grease to the bit shank before insertion.

6.2 Storage

- Store the tool in a dry, secure place, out of reach of children.
- If storing for extended periods, ensure the tool is clean and free of moisture.

7. TROUBLESHOOTING

If you encounter issues with your Incco RGH9028, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool does not start	No power supply; Faulty power cord/plug; Damaged switch	Check power outlet and connections; Inspect power cord; Contact service center if switch is faulty.
Reduced drilling/hammering performance	Worn drill bit/chisel; Incorrect mode selection; Overheating	Replace worn accessories; Ensure correct mode is selected; Allow tool to cool down.

Problem	Possible Cause	Solution
Excessive vibration/noise	Loose components; Damaged internal parts	Check for loose parts; If problem persists, contact service center.
Bit stuck in chuck	Dirt/debris in chuck; Bit shank not lubricated	Clean chuck and bit shank; Apply grease to bit shank.

For issues not listed above or if solutions do not resolve the problem, please contact Ingco customer support or an authorized service center.

8. WARRANTY AND SUPPORT

Ingco products are manufactured to high-quality standards. For information regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or visit the official Ingco website.

For technical assistance, spare parts, or service inquiries, please contact your local Ingco dealer or the customer support provided by your retailer. When contacting support, please have your product model number (RGH9028) and purchase date available.