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› Ingco Rotary Hammer 1050W RH10508 Instruction Manual

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Model: RH10508

1. INTRODUCTION

Thank you for choosing the Ingco RH10508 Rotary Hammer. This powerful 1050W tool is designed for efficient drilling, hammer drilling, and light chiseling in various materials. This manual provides essential information for safe operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your tool. Please read this manual thoroughly before initial use and keep it for future reference.



Figure 1: Ingco RH10508 Rotary Hammer

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep this manual handy for quick reference.

General Power Tool Safety Warnings:

- **Work Area Safety:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating noisy tools. Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing, and gloves away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.

- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

3. PRODUCT COMPONENTS

Familiarize yourself with the main components of your Ingco RH10508 Rotary Hammer:

1. **Keyless Chuck:** For quick and easy bit changes.
2. **Mode Selector Switch:** To switch between drilling, hammer drilling, and chiseling functions.
3. **Variable Speed Trigger:** Allows for precise speed control.
4. **Auxiliary Handle:** Provides better control and stability during operation.
5. **Depth Gauge:** For setting desired drilling depth.
6. **Reverse Switch:** For changing rotation direction.
7. **Power Cord:** For connecting to the electrical supply.



Figure 2: Rotary Hammer with included accessories (e.g., drill bits)

4. SETUP

4.1 Attaching the Auxiliary Handle

Loosen the auxiliary handle by twisting it counter-clockwise. Slide it over the chuck and position it to your desired angle. Tighten by twisting clockwise until secure. Ensure it is firmly attached before operation.

4.2 Installing the Depth Gauge

Insert the depth gauge into the hole on the auxiliary handle. Adjust the depth by sliding the gauge in or out. The tip of the drill bit should extend beyond the end of the depth gauge by the desired drilling depth.

4.3 Installing/Removing Drill Bits

1. Ensure the tool is unplugged from the power source.
2. Pull back the keyless chuck collar and hold it.
3. Insert the drill bit shank fully into the chuck until it clicks into place.
4. Release the chuck collar. Gently pull on the bit to ensure it is securely locked.
5. To remove, pull back the chuck collar and pull the bit out.

5. OPERATING INSTRUCTIONS

5.1 Selecting Operating Mode

The RH10508 offers multiple operating modes. Rotate the mode selector switch to choose the appropriate function:

- **Drilling Mode (Rotary Only):** For drilling in wood, metal, and plastic. The hammer action is disengaged.
- **Hammer Drilling Mode (Rotary with Hammer):** For drilling in concrete, brick, and masonry. Both rotation and hammer action are engaged.
- **Chiseling Mode (Hammer Only):** For light chiseling, chipping, or breaking in masonry. Rotation is disengaged, only hammer action is active.

5.2 Starting and Stopping

- To start the tool, press the variable speed trigger.
- To stop the tool, release the trigger.
- The tool features a lock-on button for continuous operation. Press the trigger, then press the lock-on button. To release, press the trigger again.

5.3 Variable Speed and Reverse Function

- **Variable Speed:** The drilling speed can be adjusted by the pressure applied to the trigger. Light pressure results in lower speed, while full pressure provides maximum speed (up to 900 RPM).
- **Reverse Function:** Use the reverse switch to change the direction of rotation. This is useful for removing jammed drill bits or driving/removing screws (if using appropriate accessories). Ensure the tool is stopped before changing direction.

6. MAINTENANCE

Regular maintenance ensures the long life and efficient operation of your rotary hammer. Always unplug the tool before performing any maintenance.

- **Cleaning:** Keep the ventilation openings clear and clean. Regularly clean the tool housing with a soft, damp cloth. Do not use solvents or abrasive cleaners.
- **Chuck Maintenance:** Keep the chuck clean and free of dust and debris. Apply a small amount of grease to the bit shank before insertion to ensure smooth operation and reduce wear.
- **Carbon Brushes:** The carbon brushes may need replacement after extended use. This should be performed by a qualified service technician.
- **Power Cord:** Regularly inspect the power cord for damage. If damaged, have it replaced by a qualified technician to avoid electrical hazards.

7. TROUBLESHOOTING

If you encounter problems with your rotary hammer, refer to the following table for common issues and solutions:

Problem	Possible Cause	Solution
Tool does not start	No power supply; Damaged power cord; Faulty switch	Check power outlet and circuit breaker; Inspect power cord for damage; Contact service center for switch replacement.
Loss of power during operation	Overload; Worn carbon brushes	Reduce load; Allow tool to cool down; Have carbon brushes checked/replaced by service technician.

Problem	Possible Cause	Solution
Excessive vibration or noise	Loose components; Damaged bit; Internal fault	Check for loose parts and tighten; Replace damaged bit; Contact service center.
Bit not locking in chuck	Chuck collar not fully pulled back; Debris in chuck; Damaged chuck	Ensure collar is fully pulled back; Clean chuck thoroughly; Contact service center for chuck inspection/replacement.

8. SPECIFICATIONS

Technical specifications for the Ingco RH10508 Rotary Hammer:

Feature	Specification
Model Number	RH10508
Brand	Ingco
Power Input	1050W
Voltage	220V
No-load Speed	0-900 RPM
Chuck Type	Keyless
Max Chuck Size	20 mm
Power Source	Corded Electric
Item Weight	6.96 kg (approx. 15.34 lbs)
Package Dimensions	41.6 x 32.4 x 12.8 cm
Wood Drilling Capacity	20 mm
Special Features	Durable, Reverse function, Keyless chuck, Variable Speed

9. WARRANTY AND SUPPORT

Ingco products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty card included with your product or contact your local Ingco dealer or service center. Keep your purchase receipt as proof of purchase for any warranty claims.

For technical support, spare parts, or service, please contact the authorized Ingco service center in your region. Contact details can usually be found on the Ingco official website or through your retailer.