

## Ingco 1050W

# INGCO RH150038 Rotary Hammer 1050W User Manual

Model: 1050W

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your INGCO RH150038 Rotary Hammer 1050W. Please read these instructions carefully before using the tool and keep them for future reference.

The INGCO RH150038 is a powerful 1050W rotary hammer designed for heavy-duty drilling and chiseling tasks in concrete, metal, and wood. It features a robust motor, SDS-Plus chuck system, and multiple functions to enhance versatility and efficiency.



Figure 1.1: INGCO RH150038 Rotary Hammer with included accessories and carrying case.

## 2. GENERAL SAFETY INSTRUCTIONS

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Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating power tools.

- **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. Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating noisy tools. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **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.
- **Kickback:** Be aware of potential kickback, especially when drilling into hard materials or if the bit binds. Maintain a firm grip on the tool.

## 3. PRODUCT COMPONENTS AND INCLUDED ACCESSORIES

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Familiarize yourself with the parts of your rotary hammer and the accessories provided.



Figure 3.1: Key components of the INGCO RH150038 Rotary Hammer.

#### Key Components:

- **SDS Plus Chuck System:** For quick and secure bit changes.
- **Function Selector:** To switch between drilling, hammer drilling, and chiseling modes.
- **1050W Industrial Motor:** Provides powerful performance.
- **On/Off Switch:** Controls power to the tool.
- **Additional Auxiliary Handle:** For improved control and stability.
- **BMC Case:** Blow Molded Case for storage and transport.



**Figure 3.2:** The rotary hammer with its full set of accessories, including a tube of grease, a wrench, spare carbon brushes, and various SDS-Plus drill bits and chisels.

**Included Accessories:**

- SDS-Plus Drill Bits (various sizes)
- SDS-Plus Chisels (flat and point)
- Auxiliary Handle
- Depth Gauge
- Grease Tube
- Wrench
- Spare Carbon Brushes
- BMC Carrying Case

# 3 DRILLS AND 2 CHISELS



Figure 3.3: A selection of the included SDS-Plus drill bits and chisels.

## 4. SETUP

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### 4.1 Attaching the Auxiliary Handle

1. Loosen the auxiliary handle by twisting it counter-clockwise.



2. Slide the handle onto the front barrel of the rotary hammer.
3. Adjust the handle to a comfortable and secure position for your work.
4. Tighten the handle by twisting it clockwise until it is firmly secured.

## 4.2 Inserting SDS-Plus Bits

The SDS-Plus chuck system allows for quick and efficient bit changes.

1. Ensure the tool is unplugged from the power source.
2. Pull back the chuck collar towards the tool body.
3. Insert the SDS-Plus bit into the chuck, rotating it slightly until it clicks into place.
4. Release the chuck collar. The bit should have a small amount of play (in-and-out movement) which is normal for SDS-Plus systems.
5. To remove the bit, pull back the chuck collar and pull the bit out.



Figure 4.1: Demonstrating the quick loading and release of an SDS-Plus drill bit.

## 5. OPERATING INSTRUCTIONS

### 5.1 Selecting Operating Mode

The INGCO RH150038 offers three functions: Hammer Drilling, Drilling, and Chiseling. Use the function selector switch located on the top of the tool to choose the desired mode.



Figure 5.1: The function selector switch for Hammer Drilling and Chiseling modes.

- **Hammer Drilling Mode:** For drilling into brickwork, concrete, and stone. This mode combines rotation with hammering action.
- **Drilling Mode:** For drilling into wood, metal, and plastics without hammering action. (Note: This mode is typically represented by a drill bit icon, though not explicitly shown in the provided image, it's a standard 3-function feature).
- **Chiseling Mode:** For light demolition work, chipping, and channeling in concrete, stone, and plaster. This mode provides hammering action without rotation.

## 5.2 General Operation

1. Ensure the correct bit is installed and the desired operating mode is selected.
2. Plug the tool into a suitable power outlet (220V).
3. Hold the tool firmly with both hands, using the main handle and the auxiliary handle.
4. Position the bit on the workpiece.
5. Press the On/Off switch to start the tool.
6. Apply steady, even pressure. Do not force the tool; let the tool do the work.
7. To stop the tool, release the On/Off switch.

## 5.3 Drilling Capacity

The INGCO 1050W rotary hammer drill offers the following maximum drilling capacities:

- **Concrete:** 28mm
- **Steel:** 13mm
- **Wood:** 40mm

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your rotary hammer.

- **Cleaning:** After each use, clean the tool with a dry cloth. Remove any dust or debris from ventilation openings. Do not use water or chemical cleaners.
- **Lubrication:** Periodically apply the provided grease to the SDS-Plus chuck and bit shanks to ensure smooth operation and reduce wear. Refer to Figure 3.2 for the grease tube.
- **Carbon Brushes:** The tool is equipped with replaceable carbon brushes. If the motor performance decreases or sparks become excessive, the carbon brushes may need replacement. Refer to Figure 3.2 for spare carbon brushes. Consult a qualified technician for replacement if you are unsure.
- **Cord Inspection:** Regularly inspect the power cord for damage. If damaged, have it repaired by a qualified service agent.

## 7. TROUBLESHOOTING

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

- **Tool does not start:**
  - Check if the power cord is securely plugged into a working outlet.
  - Verify the On/Off switch is fully engaged.
  - Inspect the power cord for damage.
- **Reduced power or excessive sparking:**
  - Carbon brushes may be worn. Replace them as described in the Maintenance section or consult a technician.
  - Ensure the correct voltage (220V) is being supplied.
- **Bit not rotating or hammering effectively:**
  - Check if the function selector is in the correct mode for the task.
  - Ensure the SDS-Plus bit is correctly inserted and locked into the chuck.
  - The bit may be dull or damaged; replace if necessary.

For issues not resolved by these steps, contact INGCO customer support or a qualified service center.

## 8. SPECIFICATIONS

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Detailed technical specifications for the INGCO RH150038 Rotary Hammer 1050W.



PRODUCT DIMENSIONS




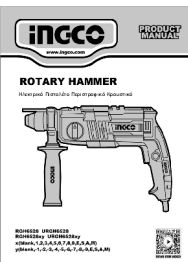
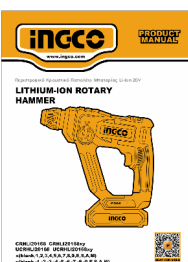
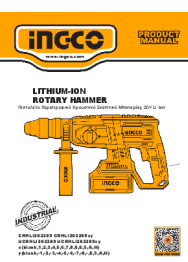
Figure 8.1: Product dimensions of the INGCO RH150038 Rotary Hammer.


| Specification                  | Value   |
|--------------------------------|---|
| Model Number                   | 1050W   |
| Power Source                   | Corded Electric   |
| Voltage                        | 220 Volts   |
| Maximum Power                  | 1050 Watts  |
| Speed                          | 900 RPM   |
| Item Weight                    | 1.07 Kilograms  |
| Product Dimensions (L x W x H) | 30 x 30 x 20 cm   |
| Material                       | Metal   |
| Special Features               | Reverse Rotation  |
| Included Components            | Adapter (likely referring to the chuck adapter or a general term for accessories) |

## 9. WARRANTY AND SUPPORT

INGCO is committed to providing reliable tools. For warranty information, service, or technical support, please refer to the warranty card included with your product or visit the official INGCO website. Keep your purchase receipt as proof of purchase for any warranty claims.

### Related Documents - 1050W

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|    | <p><a href="#">INGCO RH150028 Rotary Hammer User Manual and Safety Guide</a></p> <p>Comprehensive user manual and safety guide for the INGCO RH150028 Rotary Hammer, covering operation, maintenance, troubleshooting, specifications, and safety precautions.</p>  |
|   | <p><a href="#">INGCO Cordless Rotary Hammer Product Manual</a></p> <p>This manual provides comprehensive instructions for the INGCO Cordless Rotary Hammer (models CRHLI20288, CRHLI202882, UCRHLI20288, UCRHLI20288xy), covering safety, operation, maintenance, technical specifications, and troubleshooting.</p>                                |
|  | <p><a href="#">INGCO Rotary Hammer Product Manual - Safety, Operation, and Specifications</a></p> <p>Official product manual for the INGCO Rotary Hammer (RGH6528 series). Contains essential safety guidelines, detailed operating instructions, technical specifications, maintenance advice, troubleshooting tips, and warranty information.</p> |
|  | <p><a href="#">INGCO Lithium-Ion Rotary Hammer CRHLI20168 User Manual and Safety Guide</a></p> <p>Comprehensive user manual and safety guide for the INGCO Lithium-Ion Rotary Hammer (Models CRHLI20168, UCRHLI20168 series). Includes operating instructions, safety precautions, technical specifications, and troubleshooting.</p>               |
|  | <p><a href="#">INGCO Lithium-Ion Rotary Hammer 20V - CRHLI202289 User Manual</a></p> <p>Comprehensive user manual for the INGCO 20V Lithium-Ion Rotary Hammer (models CRHLI202289, UCRHLI202289). Includes safety instructions, operation guide, technical specifications, and maintenance tips.</p>  |

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|  | <p><a href="#">INGCO Rotary Hammer RH1600388 Product Manual - Safety, Operation, and Specifications</a></p> <p>Comprehensive product manual for the INGCO RH1600388 Rotary Hammer. Includes safety instructions, operating procedures, technical specifications, maintenance, and troubleshooting for this powerful 1600W tool.</p> |
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