

Total TH1153256

Total Rotary Hammer TH1153256 Instruction Manual

Model: TH1153256 | Brand: Total

1. INTRODUCTION

The Total Rotary Hammer TH1153256 is engineered for demanding drilling and demolition tasks. Its robust design and powerful motor make it suitable for various applications in concrete, steel, and wood. This manual provides essential information for safe operation, proper setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your tool.

The SDS plus chuck system facilitates quick and secure bit changes without the need for additional tools. The package includes a selection of three drill bits and two chisels, along with an additional set of carbon brushes to extend the tool's operational life. The unit is supplied in a durable BMC (Blow Molded Case) for convenient storage and transport.

2. SAFETY INSTRUCTIONS

Always adhere to fundamental safety precautions when operating power tools to minimize the risk of electric shock, fire, and serious injury. Retain these instructions for future reference.

- **Work Area Safety:** Keep your 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. Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges, and refrigerators.
- **Personal Safety:** Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and gloves. Dress properly; avoid loose clothing or jewelry that can get caught in moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Maintenance:** Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the power tool's operation.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Total Rotary Hammer TH1153256 before operation.



Figure 1: Total Rotary Hammer TH1153256, auxiliary handle, and carrying case. The tool features a blue and black body with red accents, indicating a robust design.

Key Components:

1. **SDS Plus Chuck:** For quick and secure insertion of drill bits and chisels.
2. **Mode Selector Switch:** Allows selection between drilling, hammer drilling, and chiseling modes.
3. **Trigger Switch:** Activates the tool.
4. **Lock-on Button:** For continuous operation (use with caution).
5. **Auxiliary Handle:** Provides additional grip and control during operation.
6. **Depth Gauge:** For precise drilling depth control.
7. **Ventilation Openings:** Ensure proper motor cooling.

4. SETUP

4.1 Attaching the Auxiliary Handle

1. Loosen the auxiliary handle by twisting it counter-clockwise.
2. Slide the handle onto the tool's barrel to the desired position.
3. Tighten the handle by twisting it clockwise until secure.

4.2 Installing/Removing SDS Plus Bits

1. Ensure the tool is unplugged from the power source.
2. Clean the shank of the drill bit or chisel.
3. Insert the bit into the SDS plus chuck, pushing and twisting until it clicks into place. Pull on the bit to ensure it is securely locked.
4. 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

Rotate the mode selector switch to choose the appropriate function:

- **Drilling Mode:** For drilling in wood, metal, and plastic (without hammer action).
- **Hammer Drilling Mode:** For drilling in concrete, masonry, and stone (with rotation and hammer action).
- **Chiseling Mode:** For light demolition work, chiseling, and breaking (hammer action only, no rotation).

5.2 Starting and Stopping

1. Plug the tool into a suitable power outlet.
2. To start, press the trigger switch.
3. For continuous operation, press the lock-on button while the trigger is depressed. To release, press the trigger again.
4. To stop, release the trigger switch.

5.3 General Operation Tips

- Apply steady, even pressure. Do not force the tool.
- Allow the tool to reach full speed before engaging the workpiece.
- For deep holes, periodically withdraw the bit to clear debris.
- Always hold the tool firmly with both hands, especially during hammer drilling or chiseling.

6. MAINTENANCE

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

- **Cleaning:** After each use, clean the tool's exterior with a soft cloth. Keep ventilation openings clear of dust and debris.
- **Chuck Maintenance:** Periodically clean and lightly lubricate the SDS plus chuck to ensure smooth bit changes.
- **Carbon Brushes:** The tool includes an additional set of carbon brushes. Replace carbon brushes when they are worn down to approximately 1/4 inch (6mm) or if the motor sparks excessively or loses power. Refer to a qualified service technician for brush replacement if you are unsure.
- **Storage:** Store the tool in its BMC case in a dry, secure location, out of reach of children.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Tool does not start.	No power supply; faulty power cord; worn carbon brushes.	Check power connection; inspect power cord for damage; replace carbon brushes.
Reduced power or excessive sparking.	Worn carbon brushes; motor overload.	Replace carbon brushes; reduce load and allow tool to cool.
Bit not locking in chuck.	Chuck is dirty; bit shank is damaged; chuck mechanism is faulty.	Clean chuck and bit shank; use a new bit; consult service center.
Excessive vibration.	Damaged bit; internal component issue.	Replace bit; discontinue use and consult service center.

If you encounter problems not listed here or if solutions do not resolve the issue, contact an authorized service center.

8. SPECIFICATIONS

Technical data for the Total Rotary Hammer TH1153256:

Model: TH1153256

Voltage: 220-240V~50/60Hz

Input Power: 1500W

No-load Speed: 950 rpm

Impact Rate: 4500 bpm

Impact Energy: 5.5 Joules

Max. Drilling Capacity (Concrete): 32 mm

Max. Drilling Capacity (Steel): 13 mm

Max. Drilling Capacity (Wood): 40 mm

Chuck Type: SDS Plus

Item Weight: 7.5 kg

Product Dimensions: 30 x 10 x 20 cm

Material: Metal

Color: Blue/Black

Special Features: Tool-free bit change, Heavy-duty design

Included Components: 1 x Total Rotary Hammer TH1153256, 3 Drill Bits, 2 Chisels, 1 Set Carbon Brushes, BMC Case

Batteries Required: No

Country of Origin: China

9. WARRANTY AND SUPPORT

This Total Rotary Hammer TH1153256 is manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or contact your retailer. Keep your purchase receipt as proof of purchase.

For technical assistance, spare parts, or service inquiries, please contact the authorized Total service center in your region. Always use genuine Total replacement parts to maintain product integrity and warranty validity.