

Towallmark RH01

Towallmark SDS Plus Rotary Hammer RH01

Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Towallmark SDS Plus Rotary Hammer RH01. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

2. SAFETY INSTRUCTIONS

Always observe general power tool safety guidelines. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep your work area clean and well-lit. 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, hearing protection, and a dust mask when operating the tool. 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.
- **Integrated Safety Clutch:** The RH01 features an integrated safety clutch designed to protect the user from sudden torque reactions if the drill bit jams. This mechanism also helps prolong the tool's lifespan.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Towallmark SDS Plus Rotary Hammer RH01
- 1 x Grease container
- 1 x Wrench

- 1 x Pair of carbon brushes
- 1 x Drill carrying case
- 1 x Metal depth stop
- 1 x Self-tightening chuck (13mm)
- 1 x User Manual
- 3 x SDS Plus drill bits (sizes 8mm, 10mm, 12mm)
- 2 x SDS Plus chisels

4. PRODUCT FEATURES

- **Powerful Motor:** 1500W electronic motor delivering 7 Joules of impact energy.
- **Variable Speed:** 0-920 RPM and 4400 BPM for versatile applications.
- **4-in-1 Functionality:** Easily switch between Drilling, Hammer Drilling, Chiseling, and Chisel Position Adjustment modes.
- **Quick-Change Chuck:** SDS Plus chuck for rapid bit changes, and an additional 13mm self-tightening chuck for standard drill bits.
- **Active Vibration Damping:** Reduces vibration impact on the user for increased comfort and reduced fatigue during prolonged use.
- **Safety Clutch:** Protects the user and tool from sudden torque if the bit jams.
- **Drilling Capacity:** Max 32mm (1-1/4") for concrete, 13mm (1/2") for metal, 42mm (1.65") for wood.

5. SETUP

5.1 Attaching the Auxiliary Handle

The auxiliary handle can be rotated 360 degrees for optimal grip and control. Loosen the handle clamp, adjust to the desired position, and tighten securely.

5.2 Installing the Depth Stop

Insert the metal depth stop into the hole on the auxiliary handle. Adjust it to the desired drilling depth and secure it by tightening the handle clamp.

5.3 Changing Drill Bits/Chisels

The SDS Plus chuck allows for quick, tool-free changes of SDS Plus bits and chisels.

1. Pull back the chuck sleeve.
2. Insert the SDS Plus bit/chisel into the chuck until it clicks into place.
3. Release the sleeve and pull on the bit to ensure it is securely locked.

For standard drill bits, use the included 13mm self-tightening chuck. Attach it to the SDS Plus chuck, then insert the standard drill bit and tighten.

Schnellspannbohrfutter

Bessere Zentrierung, mehr Präzision beim Bohren in dünnem Holz mit langem Bohrer



Figure 1: Quick-change chuck for easy bit replacement.

6. OPERATING INSTRUCTIONS

6.1 Mode Selection

The Towallmark RH01 offers four operating modes, selected via a single switch:

4 Funktionen in 1 Umschalter

Einfach umzuschalten, effizient und bequem



Figure 2: The 4-function selector switch for drilling, hammer drilling, chiseling, and chisel position adjustment.

- **Drilling Mode (Bohren):** For drilling in wood, metal, and plastics without impact. Use with the 13mm self-tightening chuck and standard drill bits.
- **Hammer Drilling Mode (Hammerbohren):** For drilling in concrete, masonry, and stone with impact. Use with SDS Plus drill bits.
- **Chiseling Mode (Meißeln):** For light chiseling, chipping, and demolition work in concrete and masonry. Use with SDS Plus chisels.
- **Chisel Position Adjustment (Meißelpositioneinstellen):** Allows for rotating the chisel to the desired working angle before locking it in chiseling mode.

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

6.2 Speed Adjustment

The tool features a variable speed trigger and a speed pre-selection dial (0-6) for precise control over RPM and BPM, suitable for different materials and bit sizes.



Hohes Drehmoment und Hohe Drehzahl

Perfekt für Ihre schwere Arbeit mit großem Bit

Figure 3: Speed pre-selection dial for adjusting torque and speed.

6.3 General Operation Tips

- Always hold the tool firmly with both hands.
- Apply steady, even pressure. Do not lean heavily on the tool; let the hammer action do the work.
- For hammer drilling, allow the bit to rotate freely before applying pressure.
- When chiseling, use short, controlled bursts rather than continuous operation to prevent overheating.

Multifunktionale Bohrhammer

für Bohren, Schlagen, Meißeln usw.



Figure 4: Multifunctional use of the rotary hammer for drilling, hammering, and chiseling.



Stabil und Gute Handhabung

Geeignet zum Bohren von Beton, Mauerwerk, usw.

Figure 5: Stable and good handling during concrete drilling.

7. MAINTENANCE

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

- **Cleaning:** After each use, clean the tool housing with a soft, damp cloth. Remove dust and debris from ventilation openings. Do not use harsh chemicals.
- **Lubrication:** The gear housing requires periodic lubrication. Use the provided grease and apply it to the SDS Plus chuck mechanism to ensure smooth operation and prevent wear.
- **Carbon Brushes:** The carbon brushes are wear parts. If the motor performance decreases or sparks become excessive, the carbon brushes may need replacement. Refer to the included carbon brush replacement instructions or consult a qualified service technician.
- **Cord Inspection:** Regularly inspect the power cord for damage. If damaged, have it replaced by a qualified professional.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Tool does not start	No power supply; Damaged power cord; Worn carbon brushes	Check power outlet and cord; Replace power cord (by professional); Replace carbon brushes
Reduced impact/drilling power	Worn drill bit; Insufficient lubrication; Worn carbon brushes; Incorrect mode selection	Replace drill bit; Lubricate chuck mechanism; Replace carbon brushes; Ensure correct mode is selected
Bit jams frequently	Incorrect bit for material; Overloading the tool; Dull bit	Use appropriate bit; Reduce pressure; Sharpen or replace bit
Excessive vibration	Loose components; Damaged internal parts	Check for loose parts; If problem persists, contact customer support

If the problem persists after attempting these solutions, please contact Towallmark customer support.

9. SPECIFICATIONS

Specification	Value
Model Number	RH01
Brand	Towallmark
Power Source	Corded Electric
Max Power	1500 Watts
Voltage	240 Volts (AC)
Amperage	12.5 A
Impact Energy	7 Joules
Max Rotational Speed	920 RPM
Max Impact Frequency	4400 BPM
Chuck Type	SDS Plus, 13mm Keyless Chuck
Cord Length	2 Meters
Product Dimensions (L x W x H)	33.02 x 12.7 x 43.18 cm
Item Weight	5.4 Kilograms
Color	Black + Grey + Orange
Certifications	GS, CE Certified

Spezifikation	Towallmark	Andere Marke
Zahl der Funktionen	4 Funktionen in 1 Umschalter, fortgeschrittene innere Struktur, einfach einzustellen	Verschiedene Funktionen in 2 Umschaltern, unbequem
Schlagzahl	7 Joules	Weniger als 7 Joules
Leistungsrate	1500W	Weniger als 1500W
Max. Schlagfrequenz/m.	4400U/m	Weniger als 4400U/m
Schnellspannbohrfutter	Ja	Nein
Vibrationskontrolle	Ja	Nein
Geprüfte Sicherheit	GS, CE Zertifiziert	Nein



Figure 6: Detailed specifications of the Towallmark RH01 rotary hammer.

10. WARRANTY AND SUPPORT

The Towallmark SDS Plus Rotary Hammer RH01 comes with a **24-month warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions regarding your product, please do not hesitate to contact Towallmark customer support. Our team is dedicated to providing prompt and helpful service.

Contact Information: Please refer to the contact details provided on your purchase receipt or the official Towallmark website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question