



Manuals.plus /

› Einhell /

› Einhell TE-RH 26/1 4F Rotary Hammer Drill User Manual (950 W, 230 V)

Einhell TE-RH 26/1 4F

Einhell TE-RH 26/1 4F Rotary Hammer Drill User Manual

Model: TE-RH 26/1 4F | Brand: Einhell

		Safety Instructions	Product		
Components	Setup	Operation	Maintenance	Troubleshooting	Specifications

INTRODUCTION

The Einhell TE-RH 26/1 4F Rotary Hammer Drill is a versatile and powerful tool designed for various tasks in workshops and garages. It combines four essential functions: drilling, hammer drilling, chiseling with lock, and chiseling without lock. This manual provides detailed instructions for safe and efficient use, setup, operation, and maintenance of your tool.



Figure 1: Einhell TE-RH 26/1 4F Rotary Hammer Drill. This image shows the complete tool, highlighting its ergonomic design and robust construction.

SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent electric shock, injury, and fire:

- **Read the entire manual:** Familiarize yourself with the controls and proper use of the tool.
- **Wear personal protective equipment:** Always wear safety glasses, hearing protection, and gloves when operating the hammer drill.
- **Secure workpiece:** Ensure the workpiece is stable and securely clamped before drilling or chiseling.
- **Check for hidden utilities:** Before drilling into walls, ceilings, or floors, check for hidden electrical wires, gas pipes, or water pipes.
- **Maintain a firm grip:** Always hold the tool firmly with both hands during operation.
- **Unplug before adjustments:** Disconnect the tool from the power supply before making any adjustments, changing accessories, or performing maintenance.
- **Keep work area clean:** A cluttered work area increases the risk of accidents.
- **Avoid unintentional starting:** Ensure the switch is in the off-position before plugging in the tool.

PRODUCT COMPONENTS

The Einhell TE-RH 26/1 4F Rotary Hammer Drill comes with several key components designed for optimal performance and user comfort.



Figure 2: The rotary hammer drill in use, demonstrating proper handling with safety glasses and gloves.

1. **SDS-Plus Chuck:** For quick and secure tool changes.
2. **Auxiliary Handle:** Provides additional grip and control.
3. **Depth Stop:** For precise drilling depth adjustment.
4. **Function Selector Switch:** Allows selection between drilling, hammer drilling, and chiseling modes.
5. **Speed Control Dial:** For adjusting the rotation speed to suit different materials.
6. **Continuous Operation Lock:** For comfortable extended use.



Figure 3: Detailed view of the robust SDS-Plus chuck, designed for quick and secure bit changes.



Figure 4: The adjustable depth stop and auxiliary handle, crucial for precise and controlled drilling.

SETUP

Before operating the hammer drill, ensure it is properly set up for your task.

- 1. Attach Auxiliary Handle:** Loosen the auxiliary handle clamp, slide the handle onto the tool's neck, and tighten it in a comfortable position for two-handed operation.
- 2. Install Depth Stop:** Insert the metal depth stop into the designated hole on the auxiliary handle. Adjust its length according to your desired drilling depth and secure it.
- 3. Insert SDS-Plus Bit:**
 - Clean the shank of the drill bit.
 - Apply a thin layer of grease to the bit shank.
 - Push the bit into the SDS-Plus chuck until it locks into place. Pull on the bit to ensure it is securely seated.
- 4. Select Function:** Use the function selector switch to choose the appropriate mode:
 - **Drilling:** For drilling in wood, metal, or plastic without impact.
 - **Hammer Drilling:** For drilling in concrete, masonry, or stone with impact.
 - **Chiseling (with lock):** For light chiseling work where the chisel position needs to be fixed.
 - **Chiseling (without lock):** For chiseling work where the chisel can rotate freely.



Figure 5: The central function selector switch, allowing easy transition between drilling, hammer drilling, and chiseling modes.

OPERATION

Follow these steps for safe and effective operation of your Einhell rotary hammer drill.

1. **Connect to Power:** Plug the tool into a suitable 230V power outlet.
2. **Adjust Speed:** Use the speed control dial to set the desired rotation speed. Lower speeds are suitable for larger diameters or harder materials, while higher speeds are for smaller diameters or softer materials.
3. **Start Drilling/Chiseling:**
 - Position the tool firmly against the workpiece.
 - Press the trigger switch to start the tool.
 - For continuous operation, press the trigger and then engage the continuous operation lock button. To disengage, press the trigger again.
 - Apply steady, even pressure. Do not force the tool.

4. **Stopping the Tool:** Release the trigger switch. If the continuous operation lock is engaged, press the trigger briefly to release it, then release the trigger.
5. **Changing Direction:** The tool features a rotation direction switch, typically located near the trigger. Ensure the tool is stopped before changing the direction of rotation.



Figure 6: The speed control dial, allowing users to precisely adjust the tool's RPM for various applications and materials.

MAINTENANCE

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

- **Cleaning:** After each use, clean the tool housing with a soft, damp cloth. Do not use harsh cleaning agents or solvents. Keep ventilation openings clear of dust and debris.
- **Chuck Maintenance:** Regularly clean the SDS-Plus chuck and apply a small amount of grease to the moving parts to ensure smooth bit changes and prevent wear.

- **Carbon Brushes:** If the motor sparks excessively or the tool's performance decreases, the carbon brushes may need inspection or replacement. This should ideally be done by qualified personnel.
- **Storage:** Store the tool in its E-Box M40 transport and storage case in a dry, secure place, out of reach of children.



Figure 7: The E-Box M40 case provides secure and organized storage for the rotary hammer drill and its accessories.

TROUBLESHOOTING

This section addresses common issues you might encounter with your rotary hammer drill.

Problem	Possible Cause	Solution
Tool does not start.	No power supply; faulty switch; carbon brushes worn.	Check power connection; contact service for switch or brush replacement.
Reduced impact force.	Function selector in wrong position; worn impact mechanism; insufficient lubrication.	Ensure selector is on hammer drill/chisel mode; contact service for inspection.
Bit not locking in chuck.	Chuck dirty; bit shank damaged; chuck worn.	Clean chuck and bit shank; replace bit; contact service for chuck repair.
Excessive sparking at motor.	Worn carbon brushes; motor overload.	Have carbon brushes checked/replaced; reduce load on tool.

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

SPECIFICATIONS

Feature	Value
Model Number	TE-RH 26/1 4F (4257962)
Power Input	800 W (950 W variant)
Voltage	230 V
Max. No-Load Speed	930 rpm
Impact Energy	2.6 Joules
Max. Drilling Capacity (Concrete)	26 mm
Chuck Type	SDS-Plus
Functions	4 (Drilling, Hammer Drilling, Chiseling with lock, Chiseling without lock)
Weight	2.98 kg
Dimensions (L x W x H)	13.94 x 3.7 x 8.78 cm
Material	Metal
Special Feature	Speed lock button

WARRANTY AND SUPPORT

Einhell products are manufactured with care and undergo strict quality controls. This product is covered by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including warranty period and claim procedures.

For technical support, spare parts, or service inquiries, please visit the official Einhell website or contact your local authorized Einhell service center. Keep your purchase receipt as proof of purchase for warranty claims.

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