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## Einhell TE-RH 32 4F

# Einhell TE-RH 32 4F Kit Rotary Hammer

Instruction Manual

## 1. PRODUCT OVERVIEW

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The Einhell TE-RH 32 4F Kit Rotary Hammer is a powerful 1250 W tool designed for renovation and refurbishment tasks. It offers four primary functions: drilling, hammer drilling, and chiseling with and without rotation.



Figure 1: Einhell TE-RH 32 4F Kit Rotary Hammer

This rotary hammer delivers up to 5 Joules of impact energy, utilizing a pneumatic hammer mechanism for effective drilling power up to 32 mm in concrete. The integrated press control feature helps visualize optimal contact pressure during operation.



Figure 2: Press Control indicator for optimal contact pressure.

The robust aluminum gear head enhances the tool's resistance and durability. Indicator lights provide status updates, showing readiness for use or the need for service due to brush wear.



Figure 3: Indicator lights showing operational status.

Large soft grip surfaces and a firmly ribbed additional handle ensure a secure grip and safe handling. The vibration-dampening handle minimizes vibrations during use, improving user comfort and control.



Figure 4: Icon representing the Anti-Vibration System.

The speed electronics ensure material and application-appropriate work with the full 1250 watts of power. A continuously adjustable drilling depth stop, made of solid metal, is also included.

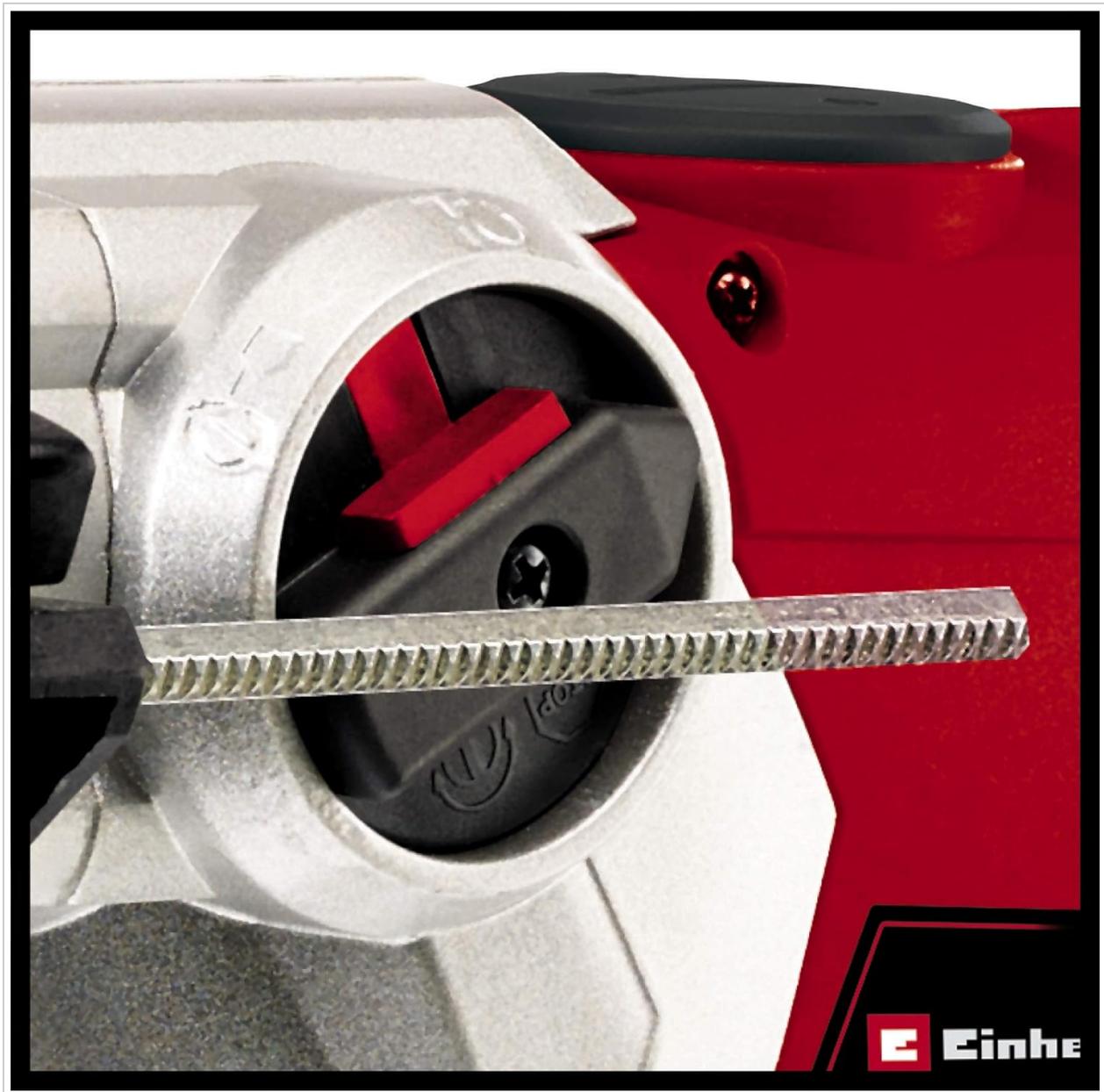


Figure 5: Close-up of the drilling depth stop.

An overload clutch provides increased user safety. The rotary hammer is equipped with a robust, semi-automatic universal SDS-plus tool holder.

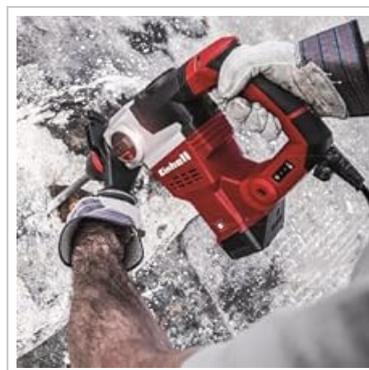


Figure 6: Icon representing the SDS-Plus tool holder.

The kit includes three drill bits (Ø 8, 10, 12 mm) as well as pointed and flat chisels, all supplied in a practical E-Box for transport and storage.



Figure 7: The Einhell TE-RH 32 4F Kit stored in its E-Box.



Figure 8: The three included drill bits (8, 10, 12 mm) and two chisels (pointed and flat).

## 2. SETUP

### 2.1 Unpacking

Carefully remove all components from the E-Box. Verify that all listed components are present: the rotary hammer, three drill bits (Ø 8, 10, 12 mm), one pointed chisel, one flat chisel, an additional handle, and the depth stop. Inspect the tool and accessories for any signs of damage from transport. Do not use damaged equipment.

### 2.2 Attaching the Additional Handle

The additional handle provides better control and safety. Loosen the handle by twisting it counter-clockwise. Slide it over the chuck and position it to your preferred working angle. Tighten the handle by twisting it clockwise until it is secure.

### 2.3 Installing the Depth Stop

Insert the metal depth stop into the designated hole on the additional handle. Adjust its position to control the drilling depth. Ensure it is securely fastened before operation.

## 2.4 Inserting SDS-Plus Tools

The TE-RH 32 4F features a robust, semi-automatic SDS-plus tool holder. To insert a drill bit or chisel:

1. Clean the shank of the SDS-plus tool.
2. Apply a thin layer of grease to the shank (not supplied).
3. Push the tool into the SDS-plus holder with a slight twisting motion until it locks into place.
4. Pull on the tool to ensure it is securely seated. The SDS-plus system allows for slight axial movement, which is normal for hammer action.

To remove, pull back the locking sleeve on the chuck and pull out the tool.

## 3. OPERATING INSTRUCTIONS

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### 3.1 Power Connection

Connect the rotary hammer to a standard 220V electrical outlet. Ensure the power cord is not damaged and is positioned to avoid tripping hazards.

### 3.2 Function Selection

The tool offers four functions: drilling, hammer drilling, chiseling with rotation, and chiseling without rotation. Use the function selector switch on the side of the tool to choose the desired mode. Refer to the icons on the tool for each function.

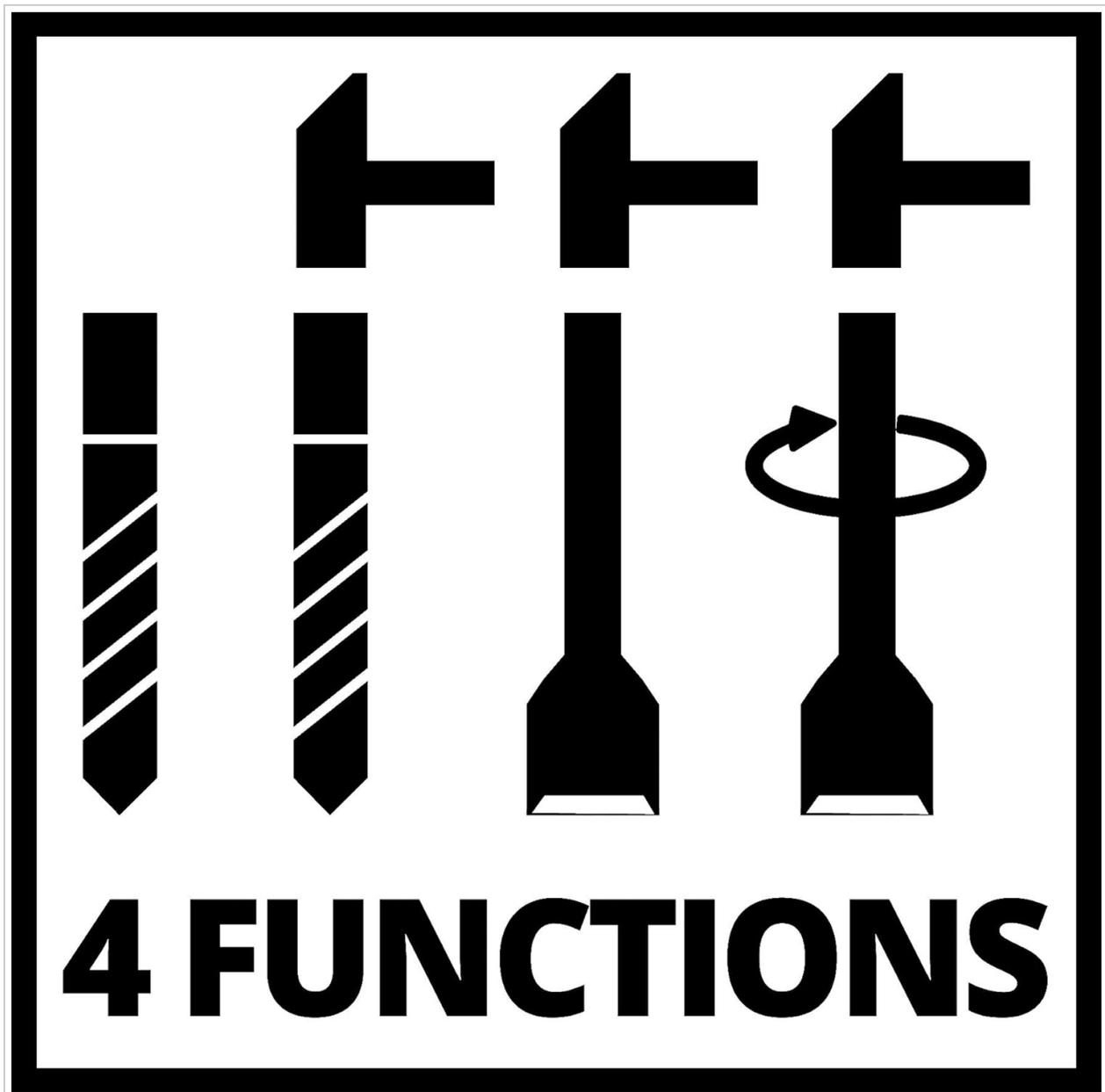


Figure 9: Icon illustrating the four functions of the rotary hammer.

### 3.3 Starting and Stopping

To start the tool, press the ON/OFF trigger switch. To stop, release the trigger switch. The speed electronics allow for variable speed control by adjusting the pressure on the trigger.

### 3.4 Working with the Rotary Hammer

- **Drilling:** For drilling in wood, metal, or plastic, select the drilling mode (without hammer action). Use appropriate drill bits.
- **Hammer Drilling:** For drilling in concrete, masonry, or stone, select the hammer drilling mode. Apply steady, even pressure. The press control indicator will help maintain optimal contact.
- **Chiseling:** For light demolition work, such as removing tiles or breaking small sections of concrete, select the chiseling mode. Use the pointed or flat chisel as appropriate.



Figure 10: User operating the Einhell rotary hammer for drilling.

### 3.5 Safety Features

- **Overload Clutch:** In case the drill bit jams, the overload clutch will disengage the drive to protect the user and the tool from excessive torque.
- **Safety Stop:** This mechanism prevents uncontrolled rotation if the tool gets stuck.

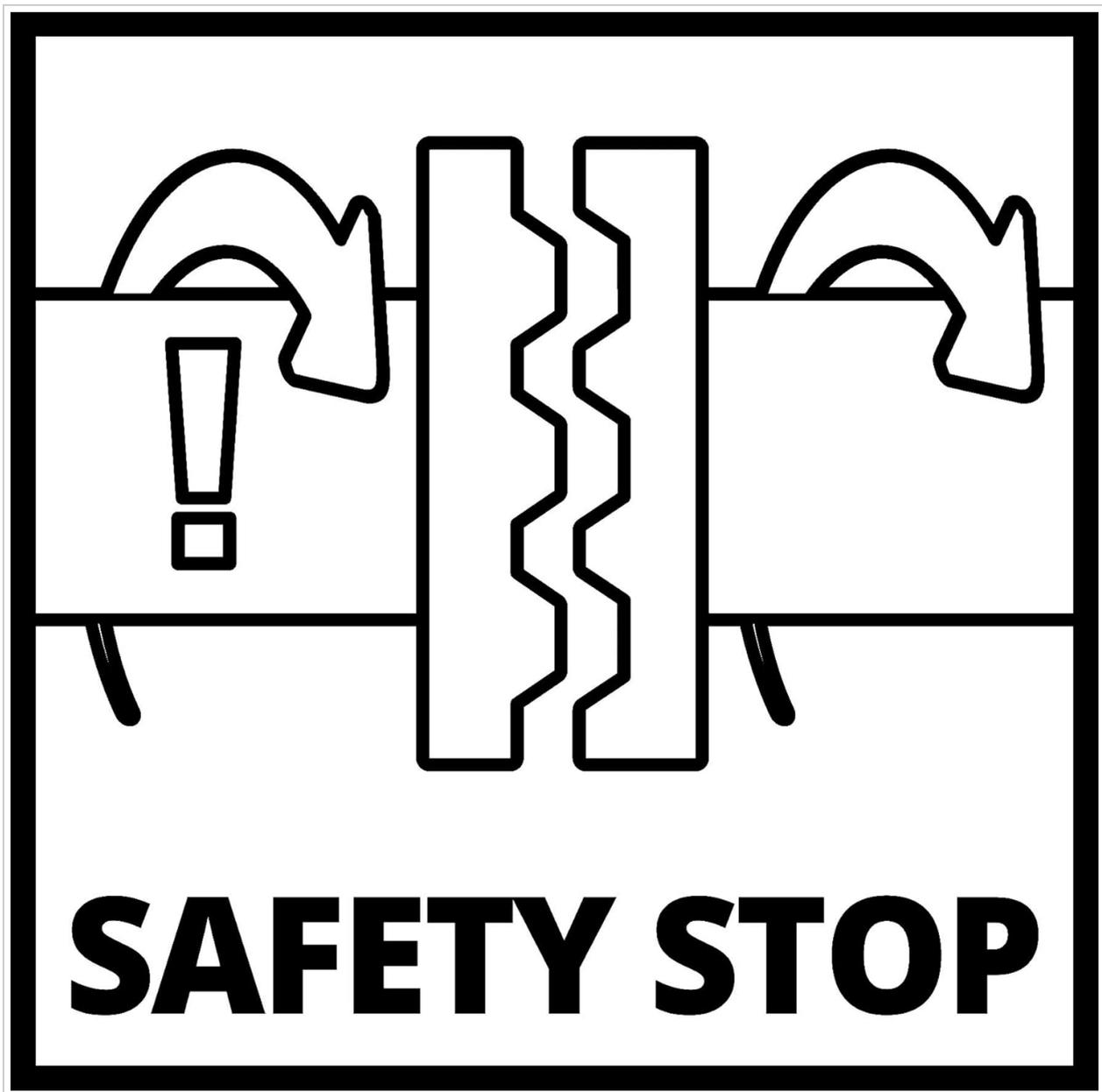


Figure 11: Icon representing the Safety Stop feature.

## **4. MAINTENANCE**

### **4.1 General Cleaning**

After each use, clean the tool housing with a soft, damp cloth. Do not use abrasive cleaners or solvents. Keep the ventilation openings clear to prevent overheating.

### **4.2 Chuck Maintenance**

Regularly clean the SDS-plus chuck and apply a small amount of grease to the moving parts to ensure smooth operation and prolong its lifespan.

### **4.3 Carbon Brush Replacement**

The indicator lights will signal when the carbon brushes are worn and require service. This task should ideally be performed by qualified personnel or an authorized service center.

### **4.4 Storage**

Store the rotary hammer and its accessories in the provided E-Box in a dry, secure place, away from direct sunlight and extreme temperatures.

## 5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	No power supply; Damaged power cord; Faulty switch	Check power outlet and cord; Contact service for repair
Reduced drilling performance	Worn drill bit; Incorrect function selected; Carbon brushes worn	Replace drill bit; Select correct mode; Have carbon brushes checked/replaced
Excessive vibration	Tool not held correctly; Damaged internal components	Ensure firm grip; Contact service for inspection
Tool stops during operation	Overload clutch activated; Overheating	Reduce pressure; Allow tool to cool down; Check for obstructions

## 6. SPECIFICATIONS

Feature	Specification
Manufacturer	Einhell Germany AG
Model Number	4257944
Power Type	Corded Electric
Voltage	220 Volts
Wattage	1250 Watts
Max Power	1050 Watt
Torque	700 Newton-meters
Speed	850 rpm
Amperage	32 A
Max Chuck Size	12 Millimeters
Impact Energy	5 Joules
Max Drilling Capacity (Concrete)	32 mm
Special Features	Pneumatic hammer mechanism, Speed electronics
Included Components	Rotary hammer; 3 drill bits (Ø 8, 10, 12 mm); pointed chisel; flat chisel
Product Dimensions (L x W x H)	45L x 14W x 38.2H cm
Weight	8.38 Kilograms

## 7. WARRANTY AND SUPPORT

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### 7.1 Manufacturer Warranty

The Einhell TE-RH 32 4F Kit Rotary Hammer comes with a 2-year manufacturer's warranty. For specific terms and conditions, please refer to the warranty documentation included with your product or visit the official Einhell website.

### 7.2 Extended Warranty for Batteries (if applicable)

Einhell offers an extended 3-year warranty for all Einhell Power X-Change batteries and devices. To activate this supplementary service, Einhell products must be registered on their website within 30 days of purchase.



Figure 12: Einhell 3-Year Warranty for Power X-Change products.

### 7.3 Spare Parts Availability

Information regarding the availability of spare parts is currently unavailable. Please contact Einhell customer support for assistance with spare parts or repairs.

### 7.4 Customer Support

For further assistance, technical support, or service inquiries, please visit the official Einhell website or contact their customer service department.

## 8. PRODUCT VIDEO

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Video 1: Overview of the Einhell TE-RH 32 4F Kit Rotary Hammer. This video demonstrates the product's features and components.

