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## ENEACRO ENRH3203

# ENEACRO 1-1/4 Inch SDS-Plus 12.5 Amp Heavy Duty Rotary Hammer Drill Instruction Manual

Model: ENRH3203
Brand: ENEACRO

## 1. Introduction

Thank you for choosing the ENEACRO 1-1/4 Inch SDS-Plus 12.5 Amp Heavy Duty Rotary Hammer Drill. This powerful and versatile tool is designed for demanding tasks such as drilling into concrete, brick, and masonry, as well as light demolition work. This manual provides essential information for safe operation, proper maintenance, and optimal performance of your new rotary hammer drill. Please read all instructions carefully before use.

## 2. Safety Instructions

Always prioritize safety when operating power tools. 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. 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. Do not abuse the cord. Keep cord away from heat, oil, sharp edges, or moving parts.
- **Personal Safety:** Always wear eye protection, hearing protection, and a dust mask when operating the drill. Secure loose clothing, jewelry, and long hair.
- **Tool Specific Safety:** The ENRH3203 features a **Safety Clutch Protection** system designed to protect your wrist from high torque force if the bit jams. Always maintain a firm grip on the tool.




*Image: Demonstrating the safety clutch feature during operation.*

## 3. Product Overview & Components

Familiarize yourself with the various parts of your ENEACRO Rotary Hammer Drill for effective and safe operation.




*Image: Detailed view of the drill with key components labeled.*

- **SDS-Plus Chuck:** For quick and secure bit changes.
- **Function Switch:** Selects between Drill Only, Hammer Only, and Hammer Drill modes.
- **Grease Pot:** Access point for lubrication.
- **Vibration Buffer:** Reduces vibration for user comfort.
- **Power Trigger:** Activates the drill.
- **Heat Outlet:** Ensures proper motor cooling.
- **360° Rotatable Handle:** Provides versatile grip options for different tasks.
- **Easy to Replace Carbon Brushes:** For convenient maintenance.

## 4. Setup

Before operating the drill, ensure proper setup for stability and safety.

### 4.1 Attaching the Auxiliary Handle

The 360° adjustable handle provides better control and productivity. Loosen the handle, position it as desired, and tighten securely.

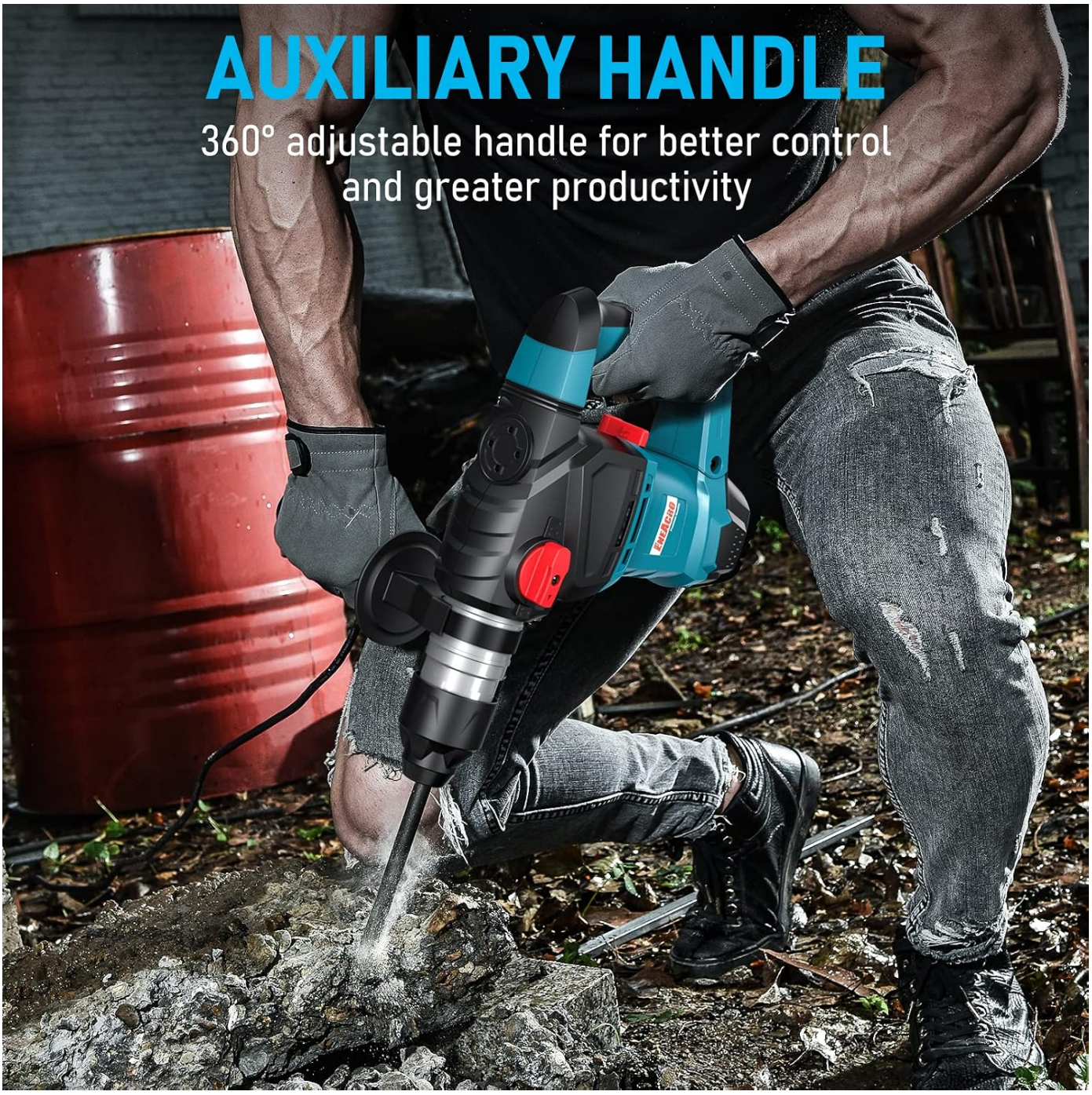



*Image: User holding the drill with the auxiliary handle for improved control.*

### 4.2 Inserting SDS-Plus Bits

The SDS-Plus chuck allows for quick and secure bit changes. To insert a bit, pull down the chuck collar, insert the bit, and release the collar. Ensure the bit is locked in place by gently pulling on it.

*Video: Demonstrates the quick chuck system for easy bit installation and removal.*

## 5. Operating Instructions

Your ENRH3203 rotary hammer offers three distinct functions for various applications.

- **Drill Only:** Suitable for drilling into wood and steel.
- **Hammer Only:** Ideal for light demolition, chipping, or breaking concrete/brick.

- **Hammer Drill:** Perfect for heavy-duty drilling into concrete, masonry, and stone.

Use the function switch to select the desired mode. The double function switch design enhances durability.

*Video: Illustrates the different operating modes (Drill, Hammer, Chisel) and their applications.*




*Image: The drill in use, highlighting the vibration control feature for reduced user fatigue.*

## 6. Maintenance

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

- **Lubrication:** Apply lubricant grease to the SDS-Plus chuck and internal moving parts as needed. The tool includes a grease pot and a spanner for access.
- **Carbon Brush Replacement:** The drill is designed for easy carbon brush replacement. Replace worn brushes to maintain motor efficiency. A spare set is included.
- **Anti-Dust Structure:** The double-layer anti-dust bottom structure helps extend the lifespan of the hammer by preventing dust ingress. Keep the tool clean after each use.

- **Heat Exhaust:** The quick heat exhaust outlet protects the motor from overheating during prolonged use. Ensure these vents are clear.




*Image: Close-up of the heat exhaust and anti-dust features, crucial for tool longevity.*

## 7. Troubleshooting

If you encounter issues with your ENEACRO Rotary Hammer Drill, refer to the following common problems and solutions:

- **Drill not starting:** Check power connection, ensure the trigger is fully depressed, and inspect carbon brushes for wear.
- **Reduced power/performance:** Worn carbon brushes are a common cause. Replace them if necessary. Ensure proper lubrication.
- **Overheating:** Ensure the heat exhaust outlets are not blocked. Allow the tool to cool down during prolonged heavy use.
- **Excessive vibration:** While the tool has a vibration buffer, excessive vibration might indicate a problem with the bit or internal components. Ensure the bit is correctly inserted and not damaged.

For persistent issues, please contact customer support.

## 8. Specifications

| Feature | Specification |
|---|---|
| Model Number | ENRH3203 |
| Power Source | Corded Electric |
| Voltage | 120 Volts |
| Amperage | 12.5 Amps |
| Maximum Rotational Speed | 880 RPM |
| Max Impact Frequency | 4350 bpm |
| Impact Energy | 5.2 ft/lbs (7 Joules) |
| Maximum Drilling Diameter (Concrete) | 1-1/4 inch |
| Maximum Drilling Diameter (Metal) | 1/2 inch |
| Item Weight | 11.1 Pounds |
| Product Dimensions | 15"L x 10.23"W x 4.5"H |
| Chuck Type | SDS-Plus |
| Functions | Drill Only, Hammer Only, Hammer Drill |




*Image: Visual representation of the drill's dimensions and weight.*

## 9. What's Included

Your purchase of the ENEACRO ENRH3203 Rotary Hammer Drill includes the following items:

- ENRH3203 Rotary Hammer (x1)
- SDS-Plus Drill Bits (8mm, 10mm, 12mm) (x3)
- SDS-Plus 10-inch Chisel (x2)
- Auxiliary Handle (x1)
- Replaceable Carbon Brush Set (x1)
- Lubricant Grease (x1)
- Dust Proof Cap (x1)
- Carrying Case (x1)




*Image: All items included with the ENEACRO Rotary Hammer Drill.*

## 10. Warranty and Support

ENEACRO provides a **24 Months Defect Free Service** for your rotary hammer drill. For any inquiries or support, our team is committed to an **8 working hours reply** to ensure your satisfaction.
For assistance, please refer to the contact information provided in your product packaging or visit the official ENEACRO website.

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