

## Overview

The ENEACRO ENRH3203 is a heavy-duty, corded electric rotary hammer drill designed for demanding concrete drilling, chiseling, and light demolition tasks. It features a 12.5 Amp motor, three operating modes, and an SDS-Plus chuck system for efficient performance.



The tool is supplied as a complete kit, including drill bits, chisels, an auxiliary handle, maintenance items, and a carrying case.

# Features and Specifications

## Key Features

- **High-Performance Motor:** 12.5 Amp industrial motor delivering 7 Joules (5.2 ft-lbs) of impact force. Features heat-resistant copper wiring and a sealed anti-dust design.
- **Three-Function Operation:** Select between Drill Only, Hammer Only, and Rotary Hammer modes for versatile applications in wood, steel, concrete, and masonry.
- **Anti-Vibration & Safety Design:** Dual-layer anti-vibration system, a 360° adjustable auxiliary handle, and a PU soft-grip main handle. Includes a safety clutch that disengages during bit jams to prevent wrist injury.
- **SDS-Plus Keyless Chuck:** Allows for quick, tool-free bit changes. Maximum drilling capacity of 1-1/4 inch in concrete and 1/2 inch in metal.
- **Complete Kit:** Includes the hammer drill, three SDS-Plus drill bits (8mm, 10mm, 12mm), two 10-inch chisels (point and flat), auxiliary handle, replacement carbon brushes, lubricant grease, a dust cap, and a carrying case.

## Technical Specifications

Specification	Detail
Model	ENRH3203
Power Source	Corded Electric
Voltage	120 Volts
Amperage	12.5 Amps
Wattage	1500 Watts
No-Load Speed	880 RPM
Maximum Impact Frequency	4,350 BPM
Impact Energy	7 Joules (5.2 ft-lbs)
Chuck Type	SDS-Plus
Max. Concrete Drilling Capacity	1-1/4 inch
Max. Steel Drilling Capacity	1/2 inch
Cord Length	6.6 ft
Bare Tool Weight	11.1 lbs
Product Dimensions (L x W x H)	15" x 10" x 4.33"

## Safety Information

**WARNING:** Read all instructions before use. Failure to follow warnings and instructions may result in electric shock, fire, and/or serious injury.

- This tool is designed for 120V AC power outlets. Do not use with a voltage converter unless explicitly rated for this purpose.
- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, gloves, and a dust mask.
- Ensure the work area is clean, well-lit, and free of obstructions. Keep bystanders at a safe distance.
- Before connecting to power, ensure the function switch is in the "OFF" position and the trigger is not depressed.

- Do not force the tool. Use the correct accessory for the material and allow the tool to do the work.
- Disconnect the power cord from the outlet when changing accessories, making adjustments, or when the tool is not in use.
- Regularly inspect the power cord for damage. Do not use the tool if the cord is damaged.
- The safety clutch is designed to disengage in case of a bit jam. If this occurs, release the trigger, disconnect power, and clear the jam before proceeding.

## Parts Identification and Controls



1. **Main Handle with Trigger:** The primary grip and control. The variable-speed trigger is located here.
2. **Function Mode Selector:** A rotary switch or dial to select between the three modes: Drill Only (drill icon), Hammer Only (hammer icon), and Rotary Hammer (hammer and drill icon).
3. **SDS-Plus Chuck:** Located at the front of the tool. Accepts SDS-Plus shank drill bits and chisels.

4. **360° Adjustable Auxiliary Handle:** Side handle that can be rotated and locked into various positions for better control and leverage.
5. **Motor Housing:** Contains the 12.5 Amp motor. Features ventilation slots.
6. **Power Cord:** 6.6 ft cord with a plug for 120V outlets.

## Use Guide

### Initial Setup and Inspection

1. Unpack all components from the carrying case and inspect for any shipping damage.
2. Ensure you have all listed items: hammer drill, drill bits, chisels, auxiliary handle, carbon brushes, grease, dust cap.
3. Firmly attach the auxiliary handle to the threaded socket on the front of the tool. Rotate it to a comfortable position and tighten the locking collar.

### Installing and Removing SDS-Plus Accessories

1. Pull the chuck sleeve back towards the tool body.
2. Insert the SDS-Plus shank of the drill bit or chisel into the chuck until it clicks into place.
3. Release the chuck sleeve. Give the accessory a slight pull to ensure it is locked securely.
4. To remove, pull the chuck sleeve back and pull the accessory out.

*Note: No additional tools are required for bit changes with the SDS-Plus system.*

### Selecting the Operating Mode

Rotate the function selector to the desired symbol before connecting power or pulling the trigger.

- **Drill Only (Drill Icon):** Use for standard rotary drilling in wood, metal, or plastic. The hammering mechanism is disengaged.
- **Hammer Only (Hammer Icon):** Use for light chiseling, demolition, or tile removal. The tool delivers a hammering action without rotation.
- **Rotary Hammer (Hammer & Drill Icon):** Use for drilling into concrete, brick, stone, or masonry. The tool combines rotation with a hammering action.

### Operating the Tool

1. Plug the tool into a grounded 120V outlet.
2. Firmly grip the main handle and the auxiliary handle.
3. Position the bit or chisel on the work surface.
4. Depress the trigger to start the tool. Apply steady, forward pressure. Let the tool's weight and impact energy do the work; do not exert excessive force.

5. For drilling, periodically pull the bit out to clear dust from the hole.
6. Release the trigger to stop. Always wait for all motion to cease before setting the tool down.

## **Applications**

- Drilling anchor holes in concrete, brick, or masonry.
- Light chiseling for tile removal, breaking small sections of concrete, or chasing walls.
- Drilling into wood or metal (using Drill Only mode and appropriate bits).

## **Maintenance**

### **Regular Cleaning**

Disconnect from power before any maintenance. Use a dry or slightly damp cloth to wipe down the tool exterior. Use a brush or compressed air to remove dust from the chuck area and ventilation slots. Do not use solvents or immerse the tool in liquid.

### **Lubrication**

The included 329 grease is for lubricating the SDS-Plus chuck mechanism.

1. Pull back the chuck sleeve and apply a thin layer of grease to the visible steel balls and the shank of a clean bit.
2. Insert and remove the bit a few times to distribute the grease.
3. Wipe away any excess. Re-grease periodically, especially if the tool is used in dusty conditions or if hammering action becomes sluggish.

### **Carbon Brush Replacement**

The tool includes a set of replacement carbon brushes. When the tool loses power, runs unevenly, or produces excessive sparking, the brushes may be worn.

1. Locate the brush caps on either side of the motor housing.
2. Unscrew or unclip the caps.
3. Remove the old brushes and insert the new ones.
4. Replace the caps securely.

### **Storage**

Store the tool and all accessories in the provided carrying case in a clean, dry location. Keep the dust cap installed on the chuck when not in use.

## Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	No power at outlet; Cord damaged; Trigger not engaged.	Check outlet with another device. Inspect cord. Ensure trigger is fully depressed.
Tool operates but does not hammer	Incorrect mode selected; Worn or damaged hammer mechanism.	Set selector to Hammer Only or Rotary Hammer mode. Contact support if problem persists.
Bit slips or does not lock in chuck	SDS-Plus chuck not engaged; Dirty or worn chuck; Incorrect bit shank.	Clean chuck and bit shank. Ensure bit is fully inserted until it clicks. Use only SDS-Plus bits.
Excessive vibration or noise	Worn accessory; Loose auxiliary handle; Internal damage.	Use a sharp, undamaged bit/chisel. Tighten auxiliary handle. Discontinue use and contact support.
Motor overheats	Overloading; Blocked ventilation; Worn brushes.	Allow tool to cool. Do not force tool. Clear ventilation slots. Check/replace carbon brushes.

## Warranty and Support

The ENEACRO ENRH3203 Rotary Hammer Drill is backed by a **24-month limited warranty** against defects in materials and workmanship from the date of purchase.

For warranty service, technical support, or to purchase replacement parts, contact the seller from whom you purchased the product or the ENEACRO storefront on Amazon.

**Manufacturer:** ENEACRO

**Model/Part Number:** ENRH3203

**UPC:** 778739921070

### Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.