

1. Overview

The AOBEN Rotary Hammer Drill is a corded electric power tool designed for heavy-duty drilling and chiseling in concrete, masonry, wood, and metal. It features a 13 Amp motor, three operating modes, and an ergonomic design with vibration control.



2. Specifications

Brand	AOBEN
Power Source	Corded Electric
Voltage	120 Volts
Amperage	13 Amps
Maximum Power	1500 Watts
Maximum Chuck Size	13 Millimeters (SDS-Plus)
Drill Type	Hammer Drill
Drilling Capacity (Concrete)	1-1/4 inch
Drilling Capacity (Metal)	1/2 inch
Item Weight	12 Pounds
Package Dimensions	17.17 x 13.98 x 5.12 inches
Item Model Number	AB2132ZA

3. Safety Information

WARNING: Read all safety warnings and instructions before operating the tool. Failure to follow warnings may result in electric shock, fire, or serious injury.

- This tool is designed for 120V outlets. Using it with other voltages may cause damage or injury.
- 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.
- Do not operate the tool if the power cord is damaged.
- Keep hands away from moving parts and the drill bit/chisel during operation.
- Use the auxiliary handle for better control and to reduce vibration.
- The tool features a safety clutch to help protect the user from sudden jamming.
- Allow the tool to cool down if it becomes hot during extended use.

4. Package Contents

- 1 x AOBEN Rotary Hammer
- 1 x Auxiliary Handle (360-degree adjustable)
- 3 x SDS-Plus Drill Bits (8mm, 10mm, 12mm, 150mm length)
- 1 x SDS-Plus Point Chisel (250mm)
- 1 x SDS-Plus Flat Chisel (250mm)
- 1 x Dirt Proof Boot (Dust Guard)
- 1 x Motor Lubricant
- 2 x Spare Carbon Brushes
- 1 x Portable Carrying Case
- 1 x Warranty Card



5. Features and Controls

5.1 Motor and Power

The tool is equipped with a 13 Amp (1500W) motor designed for heavy-duty applications on concrete, masonry, and metal.

5.2 Function Mode Selector

The tool has three operating modes, selected via a double switch button for increased durability:

- **Hammer Only (Chiseling-Only):** Provides a hammering action without rotation. Use this mode for demolition, chiseling, or breaking tasks with the flat or point chisel.
- **Hammer Drill (Hammering and Rotation):** Combines hammering and rotation. This is the primary mode for drilling into concrete, brick, or stone.
- **Drill Only (Rotation Only):** Provides rotation only, without hammering. Use this mode for drilling into wood, metal, or other materials that do not require impact.

5.3 Ergonomic Design

- **Vibration Control:** Reduces user fatigue by minimizing transmitted vibration.
- **360-Degree Adjustable Auxiliary Handle:** A rubber-coated side handle that can be rotated and locked into various positions for optimal control and comfort.
- **Heat Dissipation System:** Designed to prevent motor overheating during extended use.
- **Double Anti-Dust Bottom Structure:** Helps prevent dust and debris from entering the tool's internal mechanism, extending its service life.

5.4 Chuck System

The tool uses an SDS-Plus chuck system. This allows for quick and secure bit changes without the need for a chuck key. To insert a bit, push it into the chuck until it clicks. To remove, pull the chuck sleeve back and pull the bit out.

6. Use Guide

6.1 Before First Use

1. Inspect the tool and all accessories for any damage.
2. Ensure the power cord is in good condition and the plug is suitable for your outlet (120V).
3. Familiarize yourself with all controls and the function mode selector.
4. Attach the auxiliary handle to the desired position and tighten it securely.

6.2 Selecting and Installing Accessories

1. Select the appropriate accessory (drill bit or chisel) for your material and task.
2. Ensure the accessory is clean and the shank is undamaged.
3. Pull the chuck sleeve back.
4. Insert the SDS-Plus shank of the accessory into the chuck.
5. Release the chuck sleeve. You should hear a click, indicating the accessory is locked.
6. Gently pull on the accessory to confirm it is secure.

6.3 Operating the Tool

1. Set the function mode selector to the correct setting for your task (Hammer Drill, Drill Only, or Hammer Only).
2. Firmly grip the main handle and the auxiliary handle.
3. Position the tip of the accessory on your work surface.
4. Press the trigger to start the tool. Allow it to reach full speed before applying significant pressure.
5. For drilling, apply steady, firm pressure. Let the tool do the work; do not force it.
6. For chiseling, hold the tool at the appropriate angle and use the hammering action to break material.
7. Release the trigger to stop the tool.

6.4 Drilling Capacities

- **Concrete/Masonry:** Maximum 1-1/4 inch diameter.
- **Metal:** Maximum 1/2 inch diameter.

For larger or deeper holes, it is recommended to use a smaller pilot bit first.

7. Maintenance

- Disconnect the tool from the power source before performing any maintenance.
- Keep the air vents clean and free of debris to ensure proper cooling.
- Regularly clean the exterior of the tool with a dry cloth. Do not use solvents.
- Apply the provided motor lubricant as needed, following any instructions on the lubricant container.
- The carbon brushes are consumable parts. Inspect them periodically. Use the provided spare brushes when the originals are worn. A professional should replace the brushes if you are unsure of the procedure.
- Store the tool and all accessories in the provided carrying case in a dry, secure location.

8. Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	Not plugged in; Power cord damaged; Carbon brushes worn out.	Check power connection and cord. Inspect/replace carbon brushes.
Tool operates but does not hammer	Function mode incorrectly set.	Ensure selector is set to "Hammer Drill" or "Hammer Only".
Accessory slips or falls out	Accessory not fully inserted; Chuck mechanism dirty or worn.	Re-insert accessory until it clicks. Clean chuck. If problem persists, tool may need service.
Excessive vibration or noise	Worn accessory; Loose auxiliary handle; Internal damage.	Use a sharp, undamaged accessory. Tighten all handles. If noise continues, discontinue use and contact support.
Motor overheats	Blocked air vents; Excessive pressure during use; Extended use without breaks.	Clean air vents. Use less pressure. Allow tool to cool down periodically.

9. Warranty and Support

AOBEN offers a one-year warranty from the date of purchase for malfunctions caused by quality problems.

For customer service, warranty claims, or technical support:

- **Email:** amazon@china-aoben.com

When contacting support, please have your model number (AB2132ZA) and purchase information available.

Warning

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