DEWALT DCH133B

DEWALT 20V MAX SDS Plus 1 Inch Cordless Rotary Hammer

Model: DCH133B

1. Overview

Product Description

The DEWALT 20V MAX* Brushless 1 in. Rotary Hammer is engineered for tough applications, delivering 2.6 Joules of impact energy. Its brushless motor and durable German-engineered mechanism ensure efficient performance and extended runtime. The lightweight design makes it suitable for various tasks including forming, rod hanging, structural connections, beam and column anchorage, steel stanchion mounting, and clip and bracket mounting. A rotating dial allows for easy selection between drill, hammer drill, and chip modes to optimize performance for different jobs.

Key Features

- 2.6 Joules of impact energy for fast drilling in concrete.
- Lightweight design makes this tool ideal for forming, rod hanging, structural connections, beam & column anchorage, steel stanchion mounting, and clip & bracket mounting.
- Brushless motor and durable German-engineered mechanism for efficient performance and runtime.
- Rotating dial to set tool to a specific application mode - Drill, Hammer Drill, or Chip.
- Includes: DCH133 Rotary hammer, 360° Side handle, Depth rod.



Figure 1: DEWALT 20V MAX SDS Plus 1 Inch Cordless Rotary Hammer (DCH133B) with side handle and depth rod.



Figure 2: Key features of the DCH133B, highlighting the SDS Plus tool holder, depth rod, and the drill, hammer drill, and chip modes.

2. Setup

Unpacking

Carefully remove the rotary hammer and all accessories from the packaging. Inspect the tool for any damage that may have occurred during shipping. Ensure all listed components are present: the DCH133 Rotary Hammer, a 360° side handle, and a depth rod.

Attaching the Side Handle and Depth Rod

1. Loosen the side handle clamp by rotating the handle counter-clockwise.
2. Slide the side handle onto the front of the tool, positioning it to your preferred angle for comfortable operation.
3. Insert the depth rod into the hole on the side handle clamp. Adjust the depth rod to the desired drilling depth.
4. Tighten the side handle by rotating it clockwise until it is securely fastened.

Battery Installation

This product is sold as a bare tool only. A DEWALT 20V MAX* or FLEXVOLT 60V MAX* battery (sold separately) is required for operation. To install the battery, align the battery with the tool's battery port and slide it in until it clicks securely into place. To remove, press the battery release button and slide the battery out.

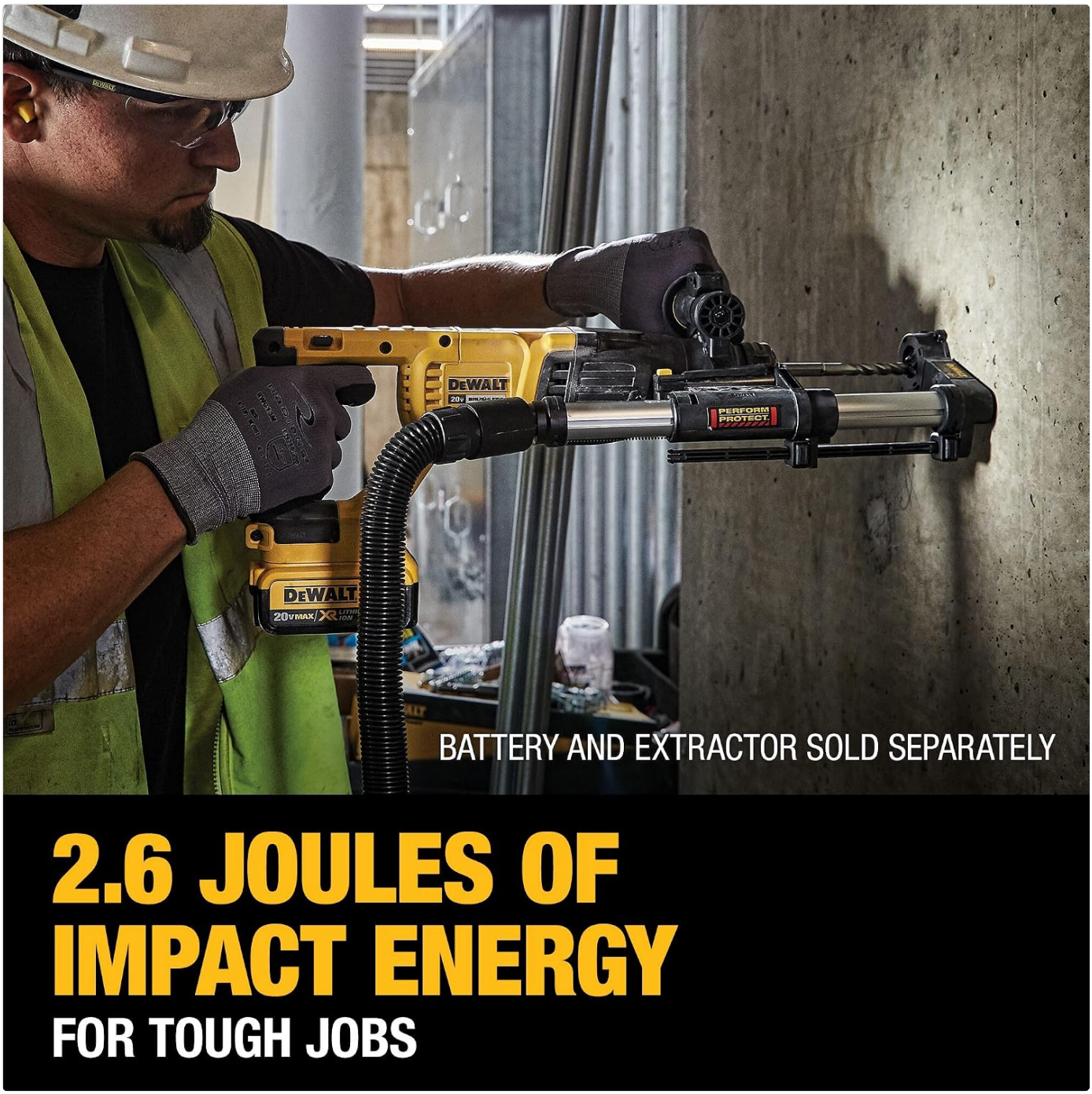


Figure 3: The DCH133B Rotary Hammer with a compatible DEWALT FLEXVOLT battery attached. Battery sold separately.

3. Operating Instructions

Selecting Operating Mode

The DCH133B features a rotating dial to select the appropriate operating mode for your application:

- **Drill Mode:** For drilling into wood, metal, and plastics without hammer action.
- **Hammer Drill Mode:** For drilling into concrete, masonry, and stone with combined rotary and hammer action.
- **Chip Mode (Chiseling):** For light chiseling and chipping applications in concrete and masonry.

Drilling Concrete/Masonry

When drilling into concrete or masonry, ensure you use appropriate SDS Plus drill bits. Apply steady, firm pressure to the tool. Allow the hammer action to do the work; excessive force is not necessary and can reduce efficiency or damage the bit. For optimal dust management, consider using a compatible dust extractor (sold separately).

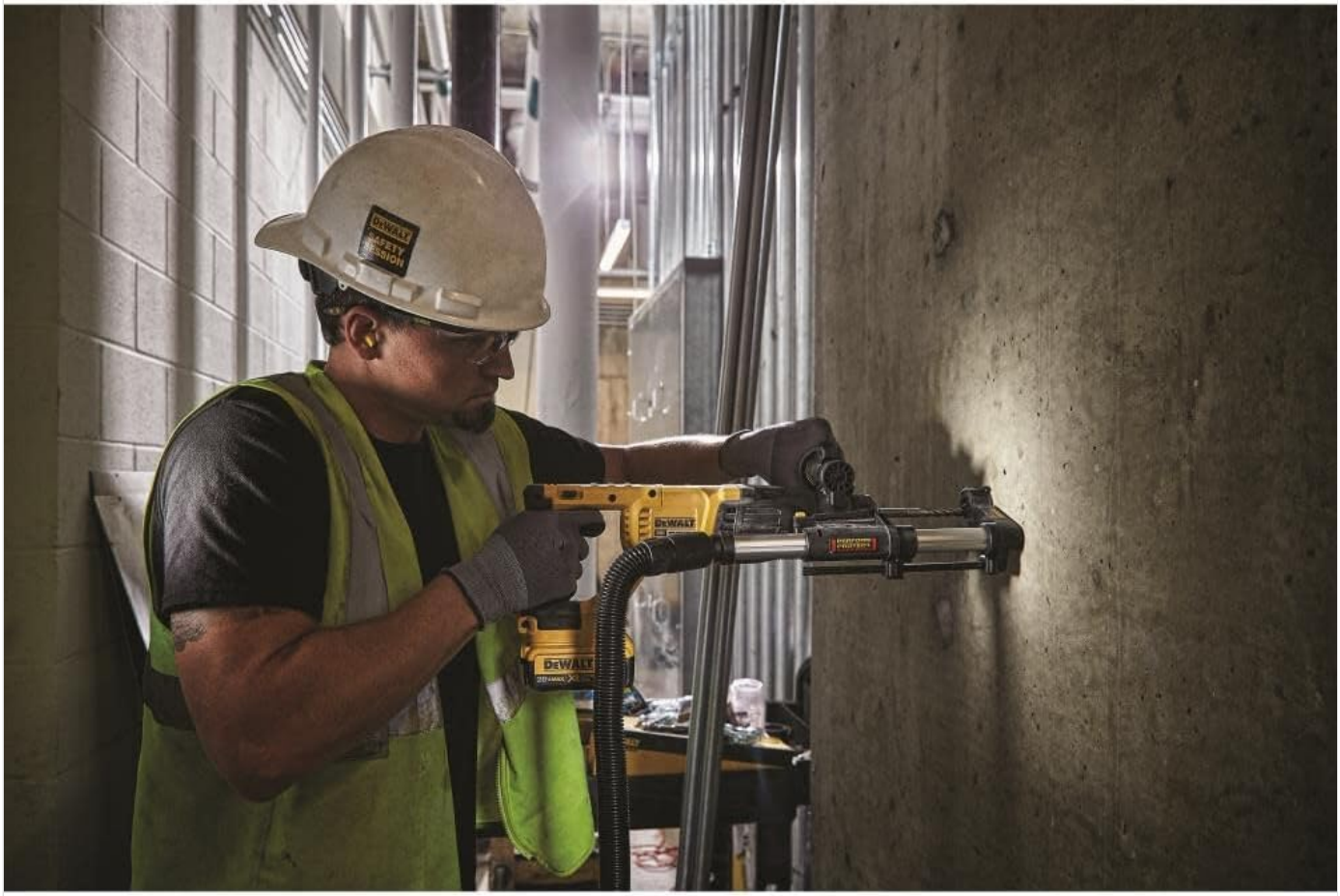


Figure 4: A construction worker demonstrating the use of the DEWALT rotary hammer for drilling into a concrete surface.



Figure 5: The rotary hammer in use with an optional dust extractor attachment for cleaner operation. (Battery and extractor sold separately).



Figure 6: An operator performing overhead drilling into a concrete ceiling, showcasing the tool's versatility. (Battery and extractor sold separately).

Ideal Applications

The DCH133B is designed for a variety of professional applications, including:

- Forming
- Rod Hanging
- Structural Connections
- Beam & Column Anchorage
- Steel Stanchion Mounting
- Clip & Bracket Mounting



Figure 7: A visual representation of the ideal applications for the DEWALT 20V MAX Rotary Hammer.

4. Maintenance

Cleaning

Regularly clean the tool's ventilation slots to prevent overheating. Use a soft brush or dry cloth to remove dust and debris. Do not use water or chemical cleaning agents. Keep the chuck free of dust and lubricate it periodically with a small amount of grease to ensure smooth bit insertion and removal.

Storage

Store the tool in a dry, secure location out of reach of children. If storing for extended periods, remove the battery. Avoid storing the tool in direct sunlight or in areas with extreme temperatures.

5. Troubleshooting

Common Issues

- **Tool not starting:** Ensure the battery is fully charged and properly inserted. Check for any obstructions in the trigger mechanism.
- **Reduced performance:** Verify that the correct operating mode is selected for the material. Ensure the drill bit is sharp and appropriate for the task. Check battery charge level.
- **Excessive vibration:** Ensure the side handle is securely tightened. Check if the drill bit is bent or damaged.

For issues not listed here, please refer to the full user manual or contact DEWALT customer support.

6. Specifications

Feature	Specification
Brand	DEWALT
Model Number	DCH133B
Power Source	Battery Powered
Voltage	20 Volts
Amperage	4 Amps
Maximum Rotational Speed	5550 RPM
Maximum Chuck Size	20 Millimeters
Item Weight	5 Pounds
Product Dimensions	16.2"L x 9"W x 4"H
Material	Metal, Plastic
Included Components	(1) 20v Max Rotary Hammer Drill.

7. Warranty and Support

Warranty Information

This DEWALT product comes with a 3-year limited warranty. Please retain your proof of purchase for warranty claims. For full details on warranty coverage, limitations, and how to make a claim, refer to the official DEWALT warranty statement or contact customer service.

User Manual (PDF)

A comprehensive user manual in PDF format is available for download. You can access it directly via this linkDEWALT DCH133B User Manual PDF

Contact Support

For further assistance, technical support, or service inquiries, please visit the official DEWALT website or contact their

customer service department. Contact information can typically be found on the DEWALT website or in the full user manual.

© 2025 DEWALT. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question