

Berserker 45HM

Berserker 45HM SDS-Max Demolition Hammer User Manual

Model: 45HM | Brand: Berserker

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Berserker 45HM SDS-Max Demolition Hammer. Please read these instructions carefully before using the tool to ensure proper function and user safety. The Berserker 45HM is designed for demolition, chipping, and breaking applications in concrete, block, brick, tile, and stucco. It features a powerful 1300W motor and an SDS-Max bit system for efficient material removal.

2. GENERAL SAFETY INSTRUCTIONS

Always observe the following safety precautions when operating the demolition hammer to prevent electric shock, fire, and serious injury.

- **Work Area Safety:** Keep the 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. Never use the cord for carrying, pulling, or unplugging the power tool. Keep cord away from heat, oil, sharp edges, or moving parts.
- **Personal Safety:** Always wear eye protection (safety goggles) and hearing protection (earplugs or earmuffs). Use a dust mask if operations create dust. Wear heavy-duty gloves. Dress properly; do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.
- **Specific Demolition Hammer Safety:** The Berserker 45HM has a "hammer only" function and "variable-lock positioning" function. **NO DRILLING function is available.** Adapts only to SDS-Max type chisels. Be aware of hidden electrical wires, water pipes, or gas lines when working on walls or floors.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Berserker 45HM Demolition Hammer
- 1 x SDS-Max Flat Chisel
- 1 x SDS-Max Point Chisel
- 1 x Grease container
- 1 x Wrench
- 1 x Carrying Case
- 1 x Set of Replaceable Carbon Brushes
- 1 x User Manual (this document)



Image: Berserker 45HM Demolition Hammer with its components and accessories, including SDS-Max chisels, carbon brushes, grease, and a wrench.

4. PRODUCT FEATURES

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- **Powerful Motor:** Equipped with a 1300W (11 AMP) motor, delivering 4,100 BPM and 11.1 ft.lbs. (15 Joules) of impact energy for efficient demolition.
 - **Lightweight Design:** Weighs approximately 5.4 kilograms (12 pounds), facilitating both horizontal and vertical concrete demolition applications.
 - **SDS-Max Bit System:** Provides tool-free bit changes with automatic bit locking, dust protection, and maximum impact energy transfer.
 - **Lock-On Button:** Allows continuous operation without holding the trigger, enhancing user comfort during extended use.
 - **Ergonomic Design:** Features a 360° adjustable accessory handle and an ergonomic grip area for various work positions.
 - **Vario-Lock Positioning:** Allows rotation and locking of chisels into 12 different positions to optimize the working angle, providing maximum comfort in tight spaces.
 - **Triple Vibration Control:** Incorporates upgraded Anti-Vibration Technology, a longer air cushion in the hammer mechanism, and a spring-loaded vibration-absorbing rear handle to reduce fatigue and improve performance.
 - **External Grease Filler:** For convenient lubrication and maintenance.
 - **Replaceable Carbon Brushes:** Ensures extended tool life and easy maintenance.

11.1 FT.LBS. IMPACT ENERGY

Lightweight Demolition/Chipping/Breaking Work
Can be Done Easily



Image: The Berserker 45HM Demolition Hammer in use, highlighting its 11.1 ft.lbs. impact energy for effective demolition.

WEIGHS ONLY 12 LBS

Facilitates both Horizontal and Vertical Concrete
Floor/Wall Removal Applications

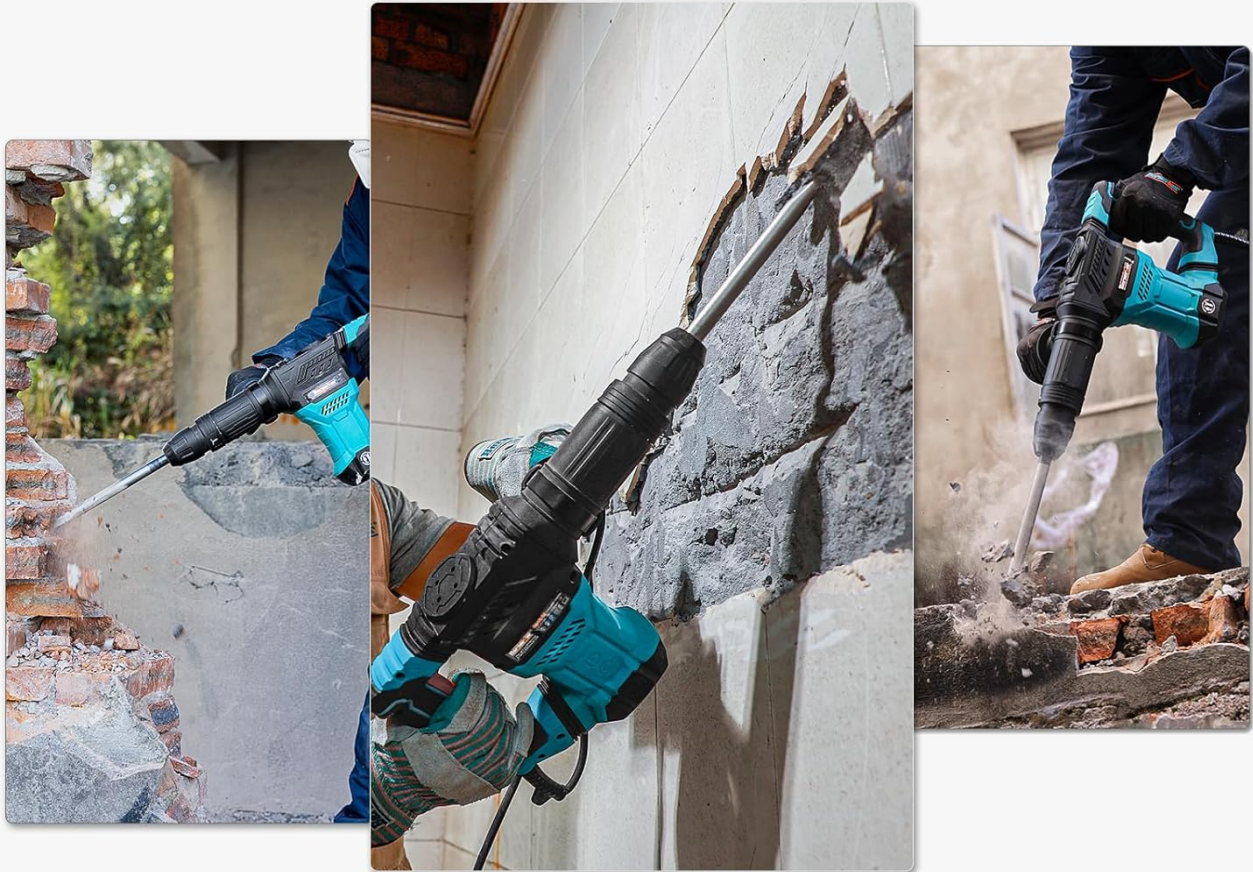


Image: Illustration emphasizing the lightweight design of the Berserker 45HM, weighing only 12 lbs, suitable for various demolition tasks.

DUAL ANTI-VIBRATION SYSTEM



Spring compression absorbs and eliminates vibration



Spring bounce provides effective vibration isolation

The demo hammer 45HM features Anti-Vibration Technology and vibration-absorbing rear handle to further reduce vibration



Image: Close-up view of the Berserker 45HM's Dual Anti-Vibration System, showing spring compression and bounce mechanisms for reduced vibration.

EXTENDED CYLINDER

Extended cylinder to significantly improve impact performance.



Image: Internal view of the Berserker 45HM's extended cylinder, designed to improve impact performance.

SURGING POWER ALL COPPER MOTOR

Motor power is 1300 watts, stable load, long time stable operation.

72⁺ hour
Work Continuously

350W
Power Increase

30%
Impact Increase

*Motor pictures are renderings, please refer to the actual situation.

Image: Diagram illustrating the Berserker 45HM's all-copper motor, highlighting its 1300W power, stable load, and increased impact performance.

5. SETUP

5.1 Attaching the Adjustable Handle

1. Loosen the clamp on the 360° adjustable handle.
2. Slide the handle onto the front barrel of the demolition hammer.
3. Position the handle to a comfortable and secure working angle.
4. Tighten the clamp firmly to secure the handle in place.

5.2 Inserting SDS-Max Chisels

1. Ensure the tool is unplugged from the power source.
2. Clean the shank of the SDS-Max chisel and apply a small amount of grease to it.
3. Pull back the chuck collar on the tool.

4. Insert the chisel into the chuck until it clicks into place. The SDS-Max system allows for tool-free bit changes.
5. Release the chuck collar. Pull on the chisel to ensure it is securely locked. There will be a small amount of play, which is normal for SDS-Max systems.
6. To remove the chisel, pull back the chuck collar and pull the chisel out.

6. OPERATING INSTRUCTIONS

The Berserker 45HM is designed for hammer-only operations. It does not support drilling functions.

AVAILABLE MODES



Hammer Only

Image: Graphic indicating that the Berserker 45HM Demolition Hammer operates in "Hammer Only" mode.

6.1 Powering On/Off

1. Connect the power cord to a suitable 230V AC power outlet.
2. To start the tool, press the ON/OFF switch.
3. To stop the tool, release the ON/OFF switch.

6.2 Using the Lock-On Button

For continuous operation, press the ON/OFF switch and then press the lock-on button. The tool will continue to run without holding the switch. To disengage the lock-on function, press the ON/OFF switch again.

6.3 Vario-Lock Positioning

The vario-lock system allows you to adjust the angle of your chisel. To change the chisel angle:

1. Ensure the tool is unplugged.
2. Rotate the chuck collar to the "Vario-Lock" position (indicated by an arrow or specific symbol).
3. Rotate the chisel to the desired angle (up to 12 different positions).
4. Rotate the chuck collar back to the "Hammer" position to lock the chisel angle.

6.4 Demolition Techniques

- Always hold the tool firmly with both hands.
- Apply steady, moderate pressure. Do not lean heavily on the tool; let the hammer mechanism do the work.
- Start chipping at the edge of the material or at pre-drilled holes for easier breaking.
- Work in small sections to maintain control and prevent material from falling unexpectedly.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your demolition hammer. Always unplug the tool before performing any maintenance.

7.1 Lubrication (Greasing)

The Berserker 45HM features an external grease filler for easy lubrication. Refer to the included grease container for recommended type and frequency. Typically, grease should be applied every 40-50 hours of operation or as needed.

1. Locate the external grease filler cap on the tool body.
2. Unscrew the cap.
3. Using the provided grease or a suitable equivalent, inject a small amount of grease into the opening. Do not overfill.
4. Replace and tighten the cap securely.

7.2 Carbon Brush Replacement

Carbon brushes wear down over time and need replacement to maintain motor performance. The tool is supplied with a replaceable set of carbon brushes.

1. Locate the carbon brush caps on the sides of the motor housing.
2. Using a screwdriver or the provided wrench, unscrew the caps.
3. Carefully remove the old carbon brushes.
4. Insert the new carbon brushes, ensuring they are oriented correctly.
5. Replace and tighten the carbon brush caps.
6. After replacement, run the tool without load for a few minutes to allow the new brushes to seat properly.

7.3 Cleaning and Storage

- After each use, clean the tool with a dry cloth to remove dust and debris. Do not use water or solvents.
- Inspect the power cord for any damage.
- Store the demolition hammer in its carrying case in a dry, secure place, out of reach of children.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	No power supply; Damaged power cord; Worn carbon brushes; Faulty switch.	Check power connection and outlet; Inspect power cord for damage; Replace carbon brushes; Contact service center if switch is faulty.
Reduced impact power.	Insufficient lubrication; Worn chisels; Worn hammer mechanism components; Worn carbon brushes.	Apply grease; Replace chisels; Replace carbon brushes; Contact service center for internal component inspection.
Excessive vibration.	Loose components; Damaged anti-vibration system; Worn chisels.	Check for loose parts and tighten; Replace chisels; Contact service center for anti-vibration system inspection.
Smoke or unusual smell from motor.	Overload; Worn carbon brushes; Internal motor issue.	Immediately stop use and unplug the tool. Allow to cool. Replace carbon brushes. If problem persists, contact service center.

9. SPECIFICATIONS

Feature	Specification
Model	45HM
Brand	Berserker
Power Source	Corded Electric
Voltage	230 Volts (AC)
Amperage	11 Amps
Maximum Power	1300 Watts
Impact Energy	11.1 ft.lbs. (15 Joules)
Blows Per Minute (BPM)	4100 BPM
Chuck Type	SDS-Max
Maximum Chuck Size	1.56 Inches

Feature	Specification
Drill Type	Hammer Drill (Hammer Only Function)
Special Feature	Variable Speed, Anti-Vibration System, Vario-Lock Positioning
Product Dimensions	43.5L x 9W x 24.5H Centimeters
Item Weight	5.4 Kilograms (12 Pounds)
Material	Metal, Plastic
Colour	Blue
UPC	757249824477

10. WARRANTY AND SUPPORT

10.1 Warranty Information

The Berserker 45HM Demolition Hammer comes with a **24-month warranty service** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, abuse, unauthorized repairs, or normal wear and tear of consumable parts like carbon brushes or chisels. Please retain your proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, warranty claims, or to order replacement parts, please contact Berserker customer support. Please have your model number (45HM) and purchase details ready when contacting support.

Contact Information:

Website: www.berserker.com (Example, replace with actual if available)

Email: support@berserker.com (Example, replace with actual if available)

Phone: +1-XXX-XXX-XXXX (Example, replace with actual if available)