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Makita HM1306

Makita HM1306 30mm Demolition Hammer Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and setup of your Makita HM1306 30mm Demolition Hammer. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

The Makita HM1306 is a robust demolition hammer designed for heavy-duty chipping operations. It features high durability, a soft grip for enhanced control and reduced fatigue, and an adjustable large side handle for improved operator comfort. Its design ensures minimum power loss during chipping, even when the bull point is continuously applied against concrete.



Figure 1: Makita HM1306 30mm Demolition Hammer. This image displays the main unit of the demolition hammer, highlighting its robust construction and ergonomic design, including the main handle and the adjustable side handle.

2. SAFETY INSTRUCTIONS

Always observe the following fundamental safety precautions when operating the Makita HM1306 Demolition Hammer to reduce the risk of electric shock, fire, and serious injury.

- **Read the Manual:** Familiarize yourself with all instructions and warnings before use.
- **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. Avoid body contact with earthed or grounded surfaces (e.g., pipes, radiators, ranges, refrigerators). Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, dust mask, and heavy-duty gloves. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **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.
- **Maintain Tools:** Keep cutting tools sharp and clean. Follow instructions for lubricating and changing accessories. Inspect power tool cords periodically and have them repaired if damaged.
- **Stay Alert:** Watch what you are doing, use common sense, and do not operate a power tool while you are tired or under the influence of drugs, alcohol, or medication.

3. PACKAGE CONTENTS

Upon unpacking your Makita HM1306 Demolition Hammer, ensure all the following items are present and undamaged:

- Makita HM1306 Demolition Hammer Unit
- Bull Point (Chisel Bit)
- Wrench
- Side Handle
- Oil Supply (100mL)
- Instruction Manual (this document)

If any items are missing or damaged, please contact your dealer immediately.

4. SETUP

Follow these steps to prepare your demolition hammer for operation.

4.1 Attaching the Side Handle

1. Loosen the clamp bolt on the side handle by turning it counter-clockwise.
2. Slide the side handle onto the barrel of the demolition hammer.
3. Adjust the handle to a comfortable and secure position for your grip.
4. Tighten the clamp bolt securely by turning it clockwise to fix the handle in place. Ensure it does not rotate freely.

4.2 Installing the Bull Point (Chisel Bit)

1. Ensure the tool is unplugged from the power source.

2. Clean the shank of the bull point and apply a small amount of grease to it.
3. Pull back the tool holder cover (if present) or rotate the locking mechanism.
4. Insert the bull point into the tool holder until it clicks into place.
5. Release the tool holder cover or locking mechanism. Pull on the bull point to ensure it is securely locked.

4.3 Connecting to Power

1. Verify that the power switch on the tool is in the "OFF" position.
2. Plug the power cord into a suitable electrical outlet (220-240V AC, 50/60Hz). Ensure the outlet is properly grounded.

5. OPERATING INSTRUCTIONS

Proper operation ensures efficiency and safety.

5.1 Starting and Stopping the Tool

- **To Start:** Press the trigger switch. For continuous operation, press the trigger switch and then push in the lock button.
- **To Stop:** Release the trigger switch. To stop continuous operation, press the trigger switch fully, then release it.

5.2 Chipping Operation

1. Hold the tool firmly with both hands, using the main handle and the side handle. Maintain a balanced stance.
2. Position the bull point against the material to be chipped.
3. Start the tool and apply moderate pressure. Allow the tool to do the work; excessive force can reduce efficiency and cause premature wear.
4. Guide the tool along the desired line of demolition. The HM1306 is designed to maintain chipping performance even under continuous pressure.
5. Avoid hitting rebar or other embedded metal objects directly, as this can damage the bit and the tool.

5.3 Working Posture

Maintain a stable and comfortable working posture. Ensure your feet are shoulder-width apart for balance. Avoid overreaching. The adjustable side handle allows you to find the most ergonomic position for various tasks.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tool.

6.1 Cleaning

- After each use, unplug the tool and clean off any dust, dirt, or debris from the tool body, ventilation openings, and bit holder. Use a dry cloth or compressed air.
- Do not use harsh chemicals or abrasive cleaners, as they may damage plastic parts.

6.2 Lubrication

- The HM1306 requires periodic lubrication. Refer to the specific instructions in the included oil supply documentation for the correct procedure and frequency.

- Use only the specified Makita oil or an equivalent high-quality lubricant.

6.3 Inspection

- **Power Cord:** Regularly inspect the power cord for any cuts, abrasions, or damage. If damaged, have it repaired by a qualified service center.
- **Carbon Brushes:** The carbon brushes are wear items. When they wear down, the motor may stop or run intermittently. Have them inspected and replaced by a Makita authorized service center when necessary.
- **Fasteners:** Check all mounting screws and fasteners for tightness. Tighten any loose screws.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your demolition hammer.

Problem	Possible Cause	Solution
Tool does not start	No power supply; Damaged power cord; Faulty switch; Worn carbon brushes	Check power outlet and connection; Inspect power cord for damage; Contact service center for switch or brush replacement.
Reduced chipping power	Worn bull point; Insufficient lubrication; Worn internal components	Replace bull point; Check oil level and lubricate as per manual; Contact service center for inspection.
Excessive vibration	Loose components; Damaged bit; Internal mechanical issue	Check all fasteners; Ensure bit is correctly installed and undamaged; Contact service center.
Overheating	Blocked ventilation; Prolonged heavy use; Internal motor issue	Clean ventilation openings; Allow tool to cool down; Reduce load; Contact service center.

For issues not listed or if solutions do not resolve the problem, contact a Makita authorized service center.

8. SPECIFICATIONS

Key technical specifications for the Makita HM1306 Demolition Hammer:

Feature	Specification
Model Number	HM1306
Continuous Rating Input	1,510 W
Impacts Per Minute (ipm)	1,450
Dimensions (L x W x H)	652 x 121 x 231 mm (25-3/4" x 4-3/4" x 9-1/8")
Item Weight	10 kg (10000 Grams)
Power Source	Corded Electric

Feature	Specification
Material	Metal
Special Features	Ergonomic Grip, Adjustable Handle, Easy Maintenance
Maximum Power	550 Watts
Drill Type	Hammer Drill (Demolition Hammer)

9. WARRANTY AND SUPPORT

Makita products are manufactured under strict quality control standards. In the unlikely event of a defect due to faulty materials or workmanship, please refer to the warranty terms provided at the time of purchase. For service, repairs, or technical assistance, please contact an authorized Makita service center. Using non-authorized parts or service may void your warranty and compromise tool safety.

Manufacturer Contact Information:

MAKITA POWER TOOLS INDIA PVT LTD
Unit II, Sy. No.93/3 93/4, Koralur Village,
Kasaba Hobli, Hoskote Taluk, Bangalore – 560 067, India
Phone: +91-80-2205-8200
Email: sales@makita.in