

Makita HM1812

Makita HM1812 70 Advanced AVT Breaker Hammer User Manual

Model: HM1812

PRODUCT OVERVIEW

The Makita HM1812 70 Advanced AVT Breaker Hammer is a high-performance electric tool designed for heavy-duty concrete breaking applications. It combines robust power with advanced anti-vibration technology to provide efficient and comfortable operation, eliminating the need for external air compressors and hoses.

Key Features:

- Powerful 15 AMP motor delivers 53.9 ft.lbs. (73.8 Joules) of impact energy.
- Advanced AVT (Anti-Vibration Technology) for significantly reduced vibration.
- Synchronized three-component system: mechanical counterbalance, vibration-absorbing housing, and fixed rubberized handles.
- Designed to hit like an air hammer but with less noise and vibration.
- Accepts 1-1/8" Hex bits.

IMPORTANT SAFETY INFORMATION

WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

- Always wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and heavy-duty gloves.
- Ensure the work area is clear of obstructions and well-lit.
- Disconnect the tool from the power source before making any adjustments, changing accessories, or storing the tool.
- Maintain a firm grip on the tool handles during operation.

- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 Warning).

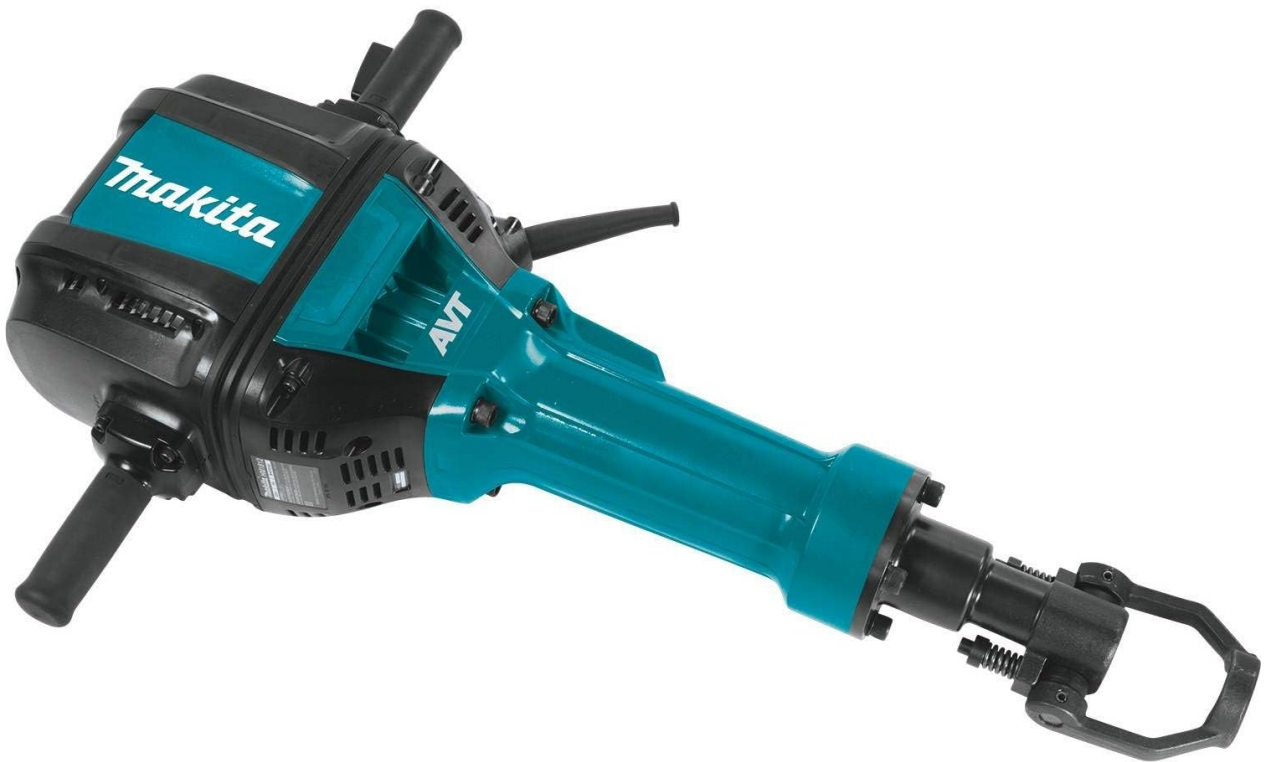
SETUP AND ASSEMBLY

Unpacking:

Carefully remove the breaker hammer and all accessories from the packaging. Inspect the tool for any signs of damage that may have occurred during shipping. Retain packaging materials for future storage or transport.

Bit Installation:

1. Ensure the tool is unplugged from the power source.
2. Clean the shank of the 1-1/8" hex bit.
3. Insert the bit into the tool's chuck until it locks securely into place. Pull on the bit to ensure it is properly seated.



The Makita HM1812 Breaker Hammer, ready for bit installation.



Front view of the Makita HM1812 Breaker Hammer, showing the chuck for bit insertion.

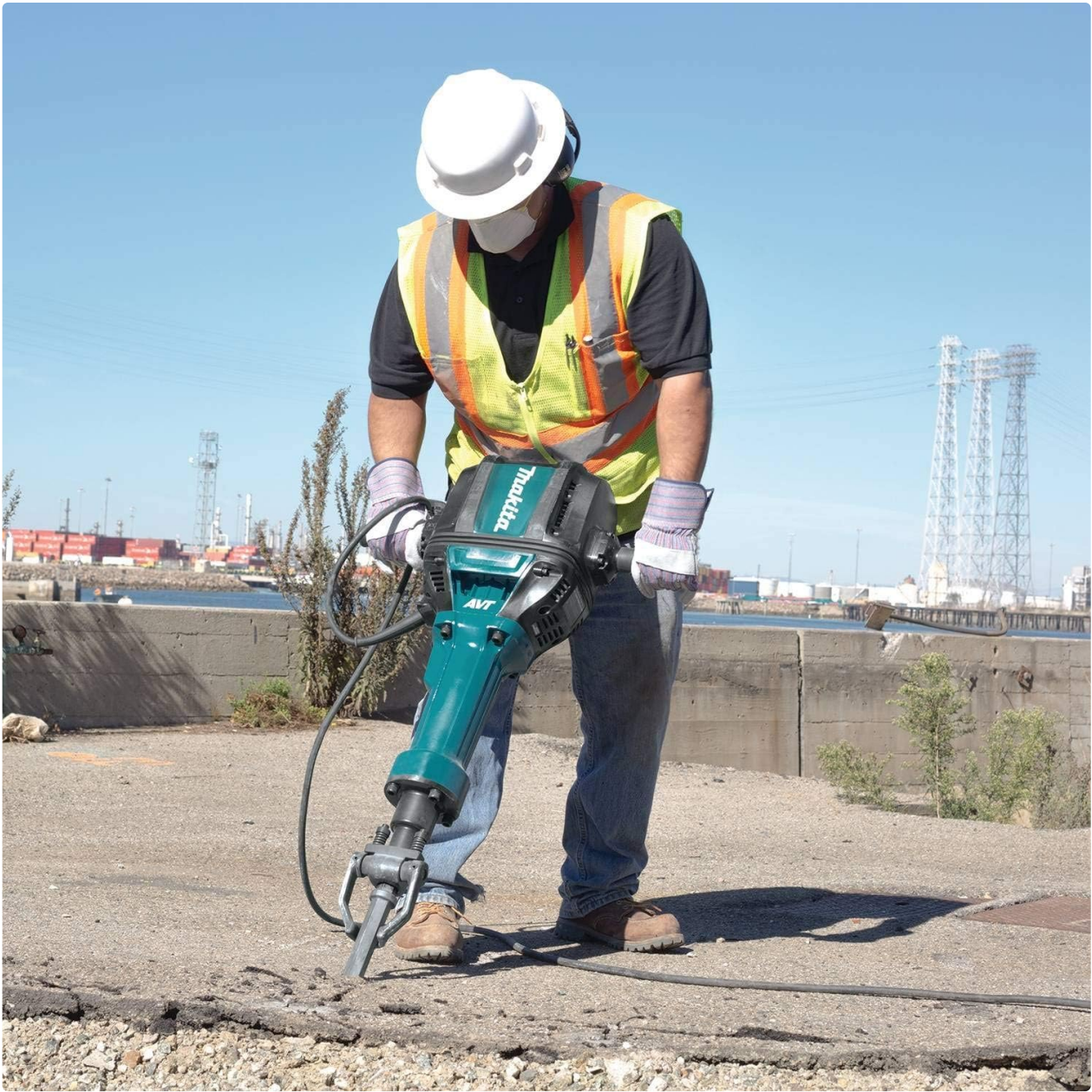
OPERATING INSTRUCTIONS

Powering On:

Connect the power cord to a suitable 100 Volt, 15 Amp power outlet. Ensure the power source meets the tool's requirements to prevent damage or malfunction.

Operation:

1. With the bit securely installed, position the breaker hammer on the surface to be broken.
2. Hold the tool firmly with both hands, utilizing the fixed rubberized handles for optimal control and vibration absorption.
3. Press the trigger to activate the hammer. Apply steady downward pressure to allow the tool's powerful impact mechanism to break the material.
4. Guide the tool along the desired breaking line, allowing the tool to do the work. Avoid excessive force, as the tool's design is optimized for efficient material removal.
5. When finished, release the trigger and disconnect the tool from the power source.



A user operating the Makita HM1812 Breaker Hammer on a concrete surface.



Another view of the Makita HM1812 in action, demonstrating its ergonomic design.



Close-up view of the breaker hammer's bit engaging with concrete.

MAINTENANCE

General Maintenance:

- Regularly clean the tool's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Inspect the power cord for any cuts, fraying, or damage before each use. Replace damaged cords immediately.
- Check the chuck for wear and ensure it holds bits securely.
- Periodically check all screws and fasteners for tightness.

Storage:

Store the Makita HM1812 in a clean, dry place, away from direct sunlight and extreme temperatures. If storing for extended periods, ensure the tool is clean and free of debris. Keep out of reach of children.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Tool does not start	No power supply; Damaged power cord; Faulty switch	Check power outlet and circuit breaker; Inspect and replace power cord if damaged; Contact authorized service center
Reduced impact force	Worn or incorrect bit; Internal mechanism issue	Replace bit with a sharp, appropriate one; Contact authorized service center
Excessive vibration	Damaged AVT components; Loose parts	Inspect handles and housing; Contact authorized service center for repair
Overheating	Continuous heavy use; Blocked ventilation slots	Allow tool to cool down; Clean ventilation slots

TECHNICAL SPECIFICATIONS

Specification	Value
Brand	Makita
Model Number	HM1812
Power Source	Electric (Corded)
Voltage	100 Volts
Amperage	15 Amps
Wattage	1430 Watts
Impact Energy	53.9 ft.lbs. (73.8 Joules)
Maximum Chuck Size	1.13 Inches (1-1/8" Hex)
Item Weight	75 Pounds
Product Dimensions	9 x 21 x 35 inches
Material	Metal
Included Components	Makita - 70 Lb. Adv Avt Breaker Hammer 11/8 Hex (HM1812)
Battery Cell Type	N/A (Corded)

WARRANTY AND CUSTOMER SUPPORT

The Makita HM1812 Breaker Hammer comes with a manufacturer's warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or visit the official Makita website.

For technical assistance, service, or to locate an authorized service center, please contact Makita customer support. Contact information can typically be found on the Makita website or in the product documentation.