

# HEJNY Rental

Contractor, Lawn & Garden, and Party Equipment Rentals

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## Makita HM1812S3 Hammer

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

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

### Work area safety

1. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
2. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
3. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

### Electrical safety

4. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
5. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
6. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
7. 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. Damaged or entangled cords increase the risk of electric shock.
8. When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
9. If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply. Use of an GFCI reduces the risk of electric shock.

### Personal safety

10. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
11. Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
12. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
13. Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
14. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
15. Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
16. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

### Power tool use and care

17. Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
18. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

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- 19. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- 20. 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. Power tools are dangerous in the hands of untrained users.
- 21. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- 22. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- 23. Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.
- Service
- 24. Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.
- 25. Follow instruction for lubricating and changing accessories.
- 26. Keep handles dry, clean and free from oil and grease.

USE PROPER EXTENSION CORD. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop-in line voltage resulting in loss of power and overheating. Table 1 shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

Ampere Rating		Volts	Total length of cord in feet			
		120 V	25 ft.	50 ft.	100 ft.	150 ft.
More	Not More	AW				
0	6		18	16	16	14
6	10		18	16	14	12
10	12		16	16	14	12
12	16		14	12	Not	

**HAMMER SAFETY WARNINGS**

- 1. Wear ear protectors. Exposure to noise can cause hearing loss.
  - 2. Use auxiliary handle(s), if supplied with the tool. Loss of control can cause personal injury.
  - 3. Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
  - 4. Wear a hard hat (safety helmet), safety glasses and/or face shield. Ordinary eye or sun glasses are NOT safety glasses. It is also highly recommended that you wear a dust mask and thickly padded gloves.
  - 5. Be sure the bit is secured in place before operation.
  - 6. Under normal operation, the tool is designed to produce vibration. The screws can come loose easily, causing a breakdown or accident. Check tightness of screws carefully before operation.
  - 7. In cold weather or when the tool has not been used for a long time, let the tool warm up for a while by operating it under no load. This will loosen up the lubrication. Without proper warm-up, hammering operation is difficult.
  - 8. Always be sure you have a firm footing.
- Be sure no one is below when using the tool in high locations.
- 9. Hold the tool firmly with both hands.
  - 10. Keep hands away from moving parts.
  - 11. Do not leave the tool running. Operate the tool only when hand-held.
  - 12. Do not point the tool at any one in the area when operating. The bit could fly out and injure someone seriously.
  - 13. Do not touch the bit or parts close to the bit immediately after operation; they may be extremely hot and could burn your skin.
  - 14. Do not operate the tool at no-load unnecessarily.
  - 15. Some material contains chemicals which may be toxic. Take caution to prevent dust inhalation and skin contact.

Follow material supplier safety data.

SAVE THESE INSTRUCTIONS.

WARNING: DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product.

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MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

## FUNCTIONAL DESCRIPTION

### CAUTION:

- Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

Switch action

### CAUTION:

- Before plugging in the tool, always check to see that the switch lever actuates properly and returns to the "OFF" position when released.

1. Switch lever

To start the tool, simply squeeze the switch lever. Release the switch lever to stop.

### NOTE:

- Blows at no load per minute becomes smaller than those on load in order to reduce vibration under no load, but this does not show trouble. Once operation starts with a bit against concrete, blows per minute increase. When temperature is low and there is less fluidity in grease, the tool may not have this function even with the motor rotating.

Indicator lamps

1. Power-ON indicator lamp (green)

2. Service indicator lamp (red)

The green power-ON indicator lamp lights up when the tool is plugged. The indicator lamp is lit but the tool does not start even if the tool is switched on, the carbon brushes may be worn out, or the controller, the motor or the ON/OFF switch may be malfunction. The red service indicator lamp flickers up when the carbon brushes are nearly worn out to indicate that the tool needs servicing. After some period of use, motor will automatically be shut off.

## ASSEMBLY

This tool accepts bits either with or without a collar on its shank. To install the bit, follow either procedure (1) or (2) described below.

### (1) For bits with a collar

Pivot the tool retainer downward (approx. 60 degrees). Insert the bit into the tool holder until it stops. Return the tool retainer and secure the bit.

### (2) For bits without a collar

Pivot the tool retainer upward (approx. 60 degrees). Face the notched portion of the bit upward. Insert the bit into the tool holder until it stops. Pivot the tool retainer further until it stops at the tool holder. To remove the bit, follow the installation procedure in reverse.

### CAUTION:

- Always assure that the bit is securely retained by attempting to pull the bit out of the tool holder after installing the bit.
- If inappropriate installation method is selected, the bit cannot be secured.

## OPERATION

Chipping/Scaling/Demolition

### CAUTION:

- Keep well-balanced posture when holding the heavy tool before / during / after operation to avoid personal injuries.
- Secure debris in case of breaking it into smaller pieces.
- Hold the tool firmly with both hands. Turn the tool on and apply slight pressure on the tool so that the tool will not bounce around, uncontrolled. Pressing very hard on the tool will not increase the efficiency.
- Do not pull out the tool if stuck. Instead, break the work around the bit tip.
- Be sure to place the tool on the stable floor or ground after use.

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