

Section 1: Equipment Identification and Supplier details

Name	Makita HM1810 Electric Breaker / Demolition breaker	
Recommended Use	General demolition and for vertical breaking. Weight: 32 kg. 2 KW Electric 240 V motor	
Manufacturer / Importer	Makita NZ www.makita.co.nz	
Emergency Contact details	Garry Bull (Upper Hutt Hire) 027 742 6583	
Links to product information	None available	
Does this equipment require a daily check or inspection and entry in a log book?	No, but does require mandatory electrical safety check between hires.	

Section 2.0 Emergency Stop



In an emergency PUSH THE SWITCH TO THE OFF POSITION.
 Alternatively unplug the power tool.
 If the power tool is damaged, you are authorised by Upper Hutt Hire to cut the plug off the power cable, to prevent inadvertent use.

Section 3: Hazards Identification



Danger: High Voltage!
 Always use a residual-current circuit breaker (RCCB), Ground Fault Circuit Interrupter, Transformer or other suitable electrical Safety device.
 When operating outdoors, use an extension cord suitable for outdoor use.



Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.



ELECTRIC MOTOR = POTENTIAL IGNITION SOURCE
 Do not operate in areas where there is fuel vapour, LPG, or high levels of flammable dust.
 Power tools create sparks which may ignite the dust or fumes.
 Do not operate in explosive atmospheres such as in the presence of flammable liquids, gases or dust.




DANGER: RISK OF ELECTROCUTION.
 Power cords must match the power outlet, Never modify the plug in any way. Do not use adapter plus. Avoid contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators: Increased risk if your body is earthed or grounded. Do not abuse the cord or carry the power tool by the cord. Keep cord away from heat. Oil, sharp edges or moving parts.



DANGER: RISK OF CRUSH INJURY TO FEET AND HANDS.
 Keep feet well clear of the hammer bits. Never place hands anywhere near hammer bits when operating the power tool. Always wear steel capped or other protective footwear.

	DANGER: RISK OF INHALATION OF DUST. Some dust created by demolition activities contains chemicals that are toxic and/or harmful. Wear protective respiratory equipment and dust extraction.
	DANGER: RISK OF FLYING DEBRIS. Operator must wear protective eyewear and head protection. No other persons or animals are permitted within 5 meters of the Demolition Hammer while in operation.
	Power tool weighs 32 kg. Hammer may fall on lower body or feet. Select a lighter hammer for work above waist height.
	Prevent unintentional starting. Ensure the switch is in the 'Off' position before connecting the power cord. Ensure any adjusting tools have been removed and that the hammer bit is securely in place.
	Do not over reach. Keep proper footing and balance at all times. Do not force the power tool.
	Do not allow persons to operate machinery without full and proper instruction in the use of the machine. Do not allow person under 18 year's age to operate the machinery.
	Operation of the equipment must not be performed by persons under the influence of alcohol, drugs, medications or any chemical substances capable of impairing the abilities of that person.
	This power tool utilises Makita Anti Vibration Technology (AVT) to reduce impact on the hands and arm. Continuous operation may result in exhaustion or stress to the operator. Take frequent breaks and do not operate if you are feeling tired.

Section 4: Noise and Vibration

Sound Power L_{wa} (dB)	107 dB MUST USE HEARING PROTECTION Ear Muffs or plugs must be compliant with AS/NZS 1270:2002 Acoustics – Hearing Protectors Class 5.
	
Vibrations a_w ($m.s^{-2}$)	9.0 m/s/s

Section 5: Work Zone

5.1 Work Zone Control or Isolation

Does the work zone require control or isolation?
 Yes, 5 M diameter exclusion zone.



5.2 Precautions for site

Do you have a FIRST AID KIT?	Do you have a FIRE EXTINGUISHER?	Can you make an EMERGENCY CALL?
		

Section 6: Personal Protective Equipment (PPE)

Appropriate Personal Protective Equipment (PPE) is required for the operator and persons assisting with loading and unloading.



Wear High Visibility clothing if you are working with other people on the work site.
 Breathing mask may be required. Tight fitting (and padded) gloves recommended.

Section 7: Power Source and Lubricants

Power source 240V Electricity. Always use a residual-current circuit breaker (RCCB), Ground Fault Circuit Interrupter, Transformer or other suitable electrical Safety device.

Section 8: Operating Instructions



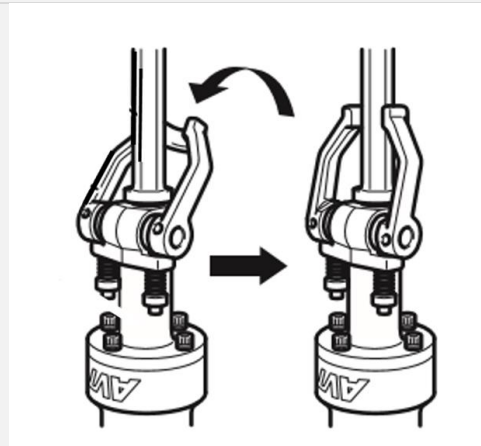
Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

Installing 'Chisel' or 'Point' bits

This tool accepts bits either with or without a collar on the chisel or point bit.

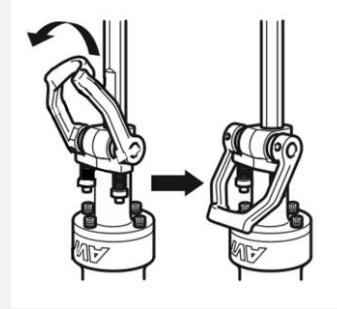
For bits with a collar:

Pivot the tool retainer back and slightly downward. Insert the bit into the tool holder as far as it will go. To securely retain the bit, return the tool retainer to its original position. Always ensure that the bit is securely retained by attempting to pull the bit out of the tool holder.



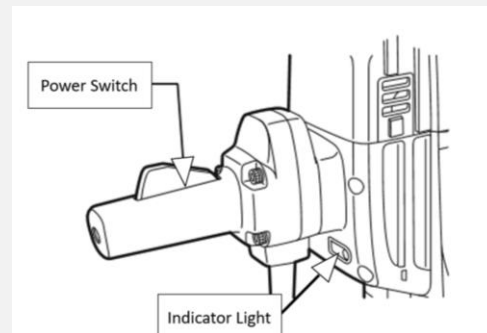
For bits without a collar:

Pivot the tool retainer front and slightly downward. With the notched portion of the bit facing the tool retainer shaft, insert the bit into the tool holder as far as it will go. Then pivot the tool retainer further downward toward the barrel to securely retain the bit. Always ensure that the bit is securely retained by attempting to pull the bit out of the tool holder.



Starting

Before plugging in the tool, always check to see that the tool is switched off. (To start the tool, simply squeeze the switch lever. Release the switch lever to stop. The green power-ON indicator lamp lights up when the tool is plugged to the mains. If 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 motor or the switch may be defective. Return to Upper Hutt Hire.



Operation

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.

Section 9: Transport

- A. Disconnect from power source, roll up power cable and transport.
- B. Ensure Chisel or point bits are removed from power tool

Section 10: Additional Information

Always use common sense! It is not possible to cover every conceivable situation you can face when using our equipment. Always exercise care and use your common sense. Avoid all situations which you consider to be beyond your capability. If you still feel uncertain about operating procedures after reading these instructions and the owner's manual, you should consult an expert before continuing.

The information contained herein is true and accurate to the best of our knowledge. No warranty or guarantee is expressed or implied regarding the accuracy of information or instructions. Users MUST consult the manufacturer's manual or handbook. While every effort has been made to summarise the important Health and Safety information for the safe use of this equipment, Upper Hutt Hire Ltd shall not be liable in any way for any reliance by any person or entity on the accuracy of information or data contained in this document or its attachments.

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