

**Section 1: Equipment Identification and Supplier details**

<b>Name</b>	<b>Makita HM1317 Electric Breaker / Demolition breaker</b>	
<b>Recommended Use</b>	General demolition and for breaking reinforced slabs, up to 100 mm depth. Weight: 17 kg. 1.5KW Electric 240 V motor	
<b>Manufacturer / Importer</b>	Makita NZ www.makita.co.nz	
<b>Emergency Contact details</b>	Garry Bull (Upper Hutt Hire) 027 742 6583	
<b>Links to product information</b>	None available	
<b>Does this equipment require a daily check or inspection and entry in a log book?</b>	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.




**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.

	<b>DANGER: RISK OF INHALATION OF DUST.</b> Some dust created by demolition activities contains chemicals that are toxic and/or harmful. Wear protective respiratory equipment and dust extraction.
	<b>DANGER: RISK OF FLYING DEBRIS.</b> 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.
	Take Care when operating the power tool above shoulder height. Power tool weighs 17 kg. Debris may fall on lower body or feet.
	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

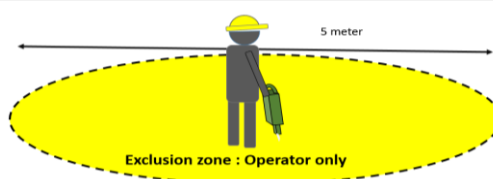
Noise $L_{Aeq}$ at idle (dB)	81 dB
Sound Power $L_{wa}$ (dB)	101 dB
	<b>MUST USE HEARING PROTECTION</b> Ear Muffs or plugs must be compliant with AS/NZS 1270:2002 Acoustics – Hearing Protectors <b>Class 4 or 5.</b>
Vibrations $a_w$ ( $m.s^{-2}$ )	8.5 m/s/s

#### 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 Visability clothing if you are working with other people on the work site.  
 Breathing mask may be required. Tight fitting 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.

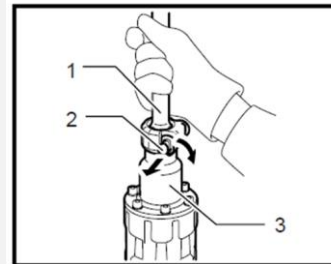
**Section 8: Operating Instructions**



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

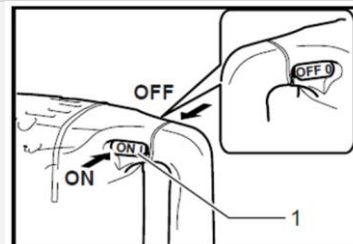
**Installing 'Chisel' or 'Point' bits**

With the notched portion on the shank of the bit facing toward the tool retainer, insert the bit into the tool holder as far as it will go. Then pull out and turn the tool retainer 180° to secure the bit. After installing, always make sure that the bit is securely held in place by trying to pull it out.



**Starting**

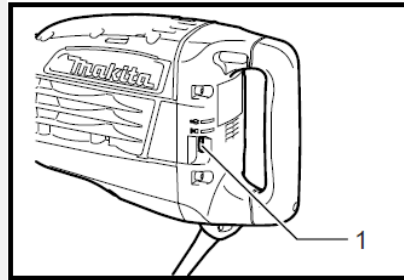
Before plugging in the tool, always check to see that the tool is switched off. (Switch can be locked in "ON" position for ease of operator comfort during extended use, but may be inadvertently left 'On"). To start the tool, push the switch lever "ON (I)" on the left side of the tool.



### Speed Change

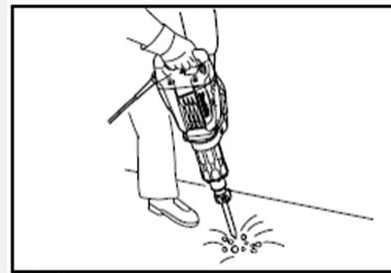
The blows per minute can be adjusted just by turning the adjusting dial. This can be done even while the tool is running. The dial is marked 1 (lowest speed) to 5 (full speed).

Dial	Blows per minute
5	1450
4	1350
3	1150
2	800
1	730



### Operation

Always use the side grip (auxiliary handle) and firmly hold the tool by both side grip and switch handle during operations. (The side handle can be swung 360° on the vertical and secured at any desired position. Loosen the clamp nut to swing the side handle to a desired position, and tighten the clamp nut securely).



Turn the tool on and apply slight pressure on the tool so that the tool will not bounce around. Pressing very hard on the tool will not increase the efficiency.

### Stop

To stop the tool, push the switch lever to "OFF (O)" on the right side of the tool.

### 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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