



Electric Breaker
HM1812 / HM1802

Satisfy Professional's Needs



28.6mm Hex
Shank Type

30kg class electric breakers that feature
Best-in-class Power

(as of March 2015)

72.8J

HM1812

ADVANCED
Vibration Control

AVT

ANTI VIBRATION TECHNOLOGY

HM1812 only



High Power

AVT

ANTI VIBRATION TECHNOLOGY

Vibration absorbing housing

providing a practical combination of high power and low vibration.

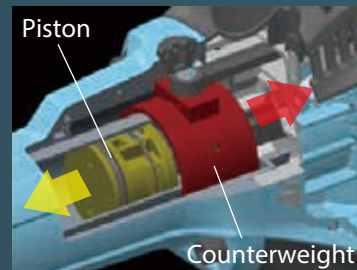
Vibration absorbing spring
(4 places)

The machine holding section is
separated from the motor/
transmission section.



Counter weight mechanism

reduces vibration during chipping operation.



When piston is moving forward




When piston is moving back

Soft no-load function

automatically reduces the motor speed
during idling to suppress the vibration of
the machine body.

SOFT NO LOAD

Electric Breaker

 28.6mm Hex
Shank Type

HM1812 / HM1802

Vibration level 6.5m/s^2

Counter weight mechanism

Soft no-load function

Vibration absorbing housing

Vibration level 14m/s^2

Vibration absorbing housing

and Low Vibration

The first electric breakers from Makita that are equipped with vibration absorbing housing, providing a practical combination of high power and low vibration.



HM1812

Impact energy comparison

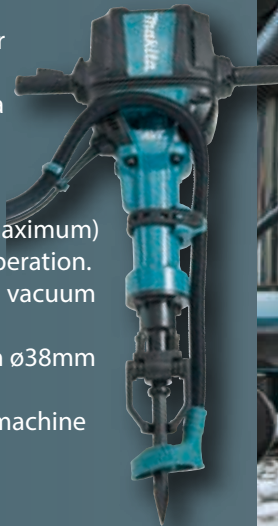
HM1812	72.8J
HM1802	71.4J
Competitor H	68J
Competitor B	62J
Competitor D	52J

Dust extractor attachment for electric breakers

has been newly developed as an optional accessory, with compatibility with greater than 15kg class Makita electric breakers (including HM1812/HM1802) to provide a cleaner work environment.

Its main features and benefits are:

- Designed to extract more than 95% (at maximum) of total dust particles produced during operation.
- Compatible with $\varnothing 28\text{mm}$ hoses of Makita vacuum cleaners without adapter.
- With Front cuffs or Joint, compatible with $\varnothing 38\text{mm}$ hoses or competitors' vacuum cleaners.
- Hose holder can be repositioned on the machine easily with a simple operation.
- Compatible with bits of various lengths.



Hammer cart (optional accessory)

For easy job site mobility



Recessed hand-hold



- helps you raise a machine upright for easy transport.
- located on the both sides of the machine for convenience

Electronic control



- Soft start
- LED light to indicate energization of electric circuit
- LED light to indicate the time to replace carbon brush



Highly durable switch



The structure of switch section has been reviewed and improved to provide enhanced durability against dust.

Name plate and Serial label



placed in the position almost free from damages and scratches

Performance Comparison

Note: 1. The test results depend to a great extent on the hardness of materials, etc.

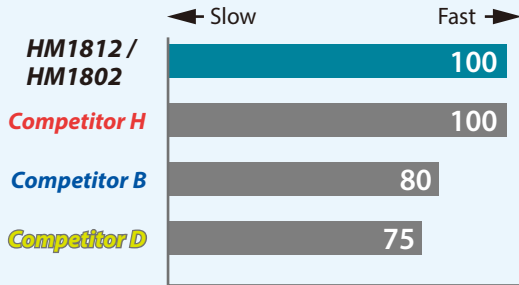
2. Numbers in the chart below are relative values when the capacity of Competitor H is indexed at 100.

Test conditions: Without cord reel

Test material: Concrete with compressive strength of 40N/mm²

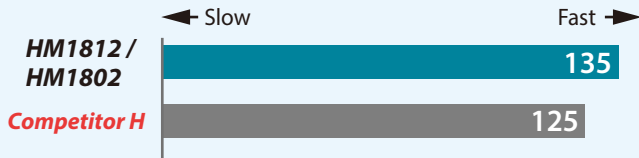
[Work speed]

With Bull point (P/N: A-17326)

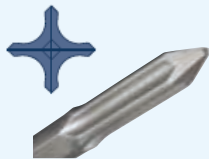


With Self sharpening bull point

(P/N: B-10372 for metric countries, B-45559 for inch countries)



Self sharpening bull point

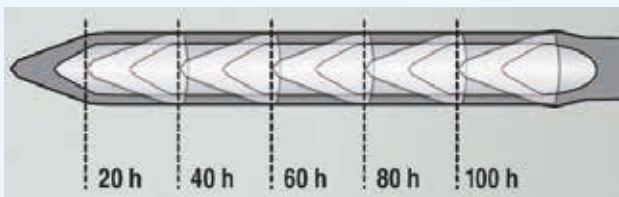


This technology ensures our steels remain sharp and efficient throughout their life time.

With a higher removal rate and no repeated re-sharpening these new steels reduce down time and significantly more cost effective.

- No re-sharpening necessary
- No work interruption due to re-sharpening
- No service costs

Parts No. (mm) B-45559
(Inch) B-10372



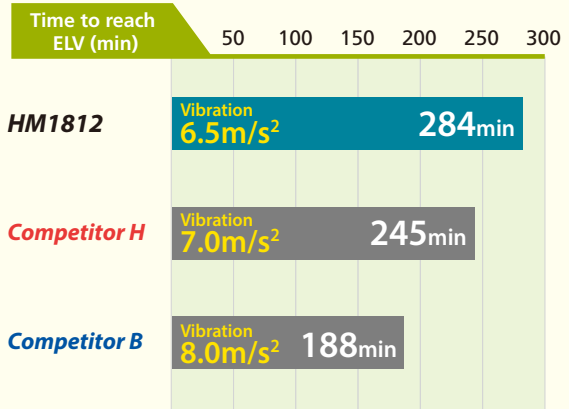
Unique star-shape design keeps always sharp

See the Result of AVT

Comparison of Vibration level* and Time to reach ELV (Exposure Limit of Vibration)**

*It is known as the tri-axial value and value at Directive of A(8).

**It means the maximum amount of vibration that an operator may be exposed to on any single day.



Accessories



Vacuum attachment set w/ hose
Part No. 197148-8



Vacuum attachment set w/o hose
Part No. 197168-2



Hammer cart
For easy job site mobility
Part No. D-54972



Electric Breaker

HM1812 / HM1802 1-1/8" : 28.6mm Hex shank



AVT SOFT NO LOAD
ANTI VIBRATION TECHNOLOGY

Continuous rating Input 2,000W
Impact energy 72.8J
Impacts per minute (ipm) 870
Noise 110dB(A)
Vibration 6.5m/s²
Dimensions (L x W x H) 843x210x608mm (33-1/4"x8-1/4"x24")
Net weight* 31.3kg (69.1lbs)
Power supply cord 5.0m (16.4ft)

HM1812

2,000W
72.8J
870
110dB(A)
6.5m/s²
843x210x608mm (33-1/4"x8-1/4"x24")
31.3kg (69.1lbs)
5.0m (16.4ft)

HM1802

2,000W
71.4J
870
108dB(A)
14.0m/s²
843x210x608mm (33-1/4"x8-1/4"x24")
29.4kg (64.7lbs)
5.0m (16.4ft)

Standard Equipment :
Bull point, Hex wrench



Double Insulation



28.6mm Hex Shank



Soft Start

*weight according to EPTA-Procedure 01/2003

Items of standard equipment and specifications may vary by country or area.



Drilling (Wood/Metal)
Accessories

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