



Demolition Hammer
HM1213C/ HM1203C

Satisfy Professional's Needs

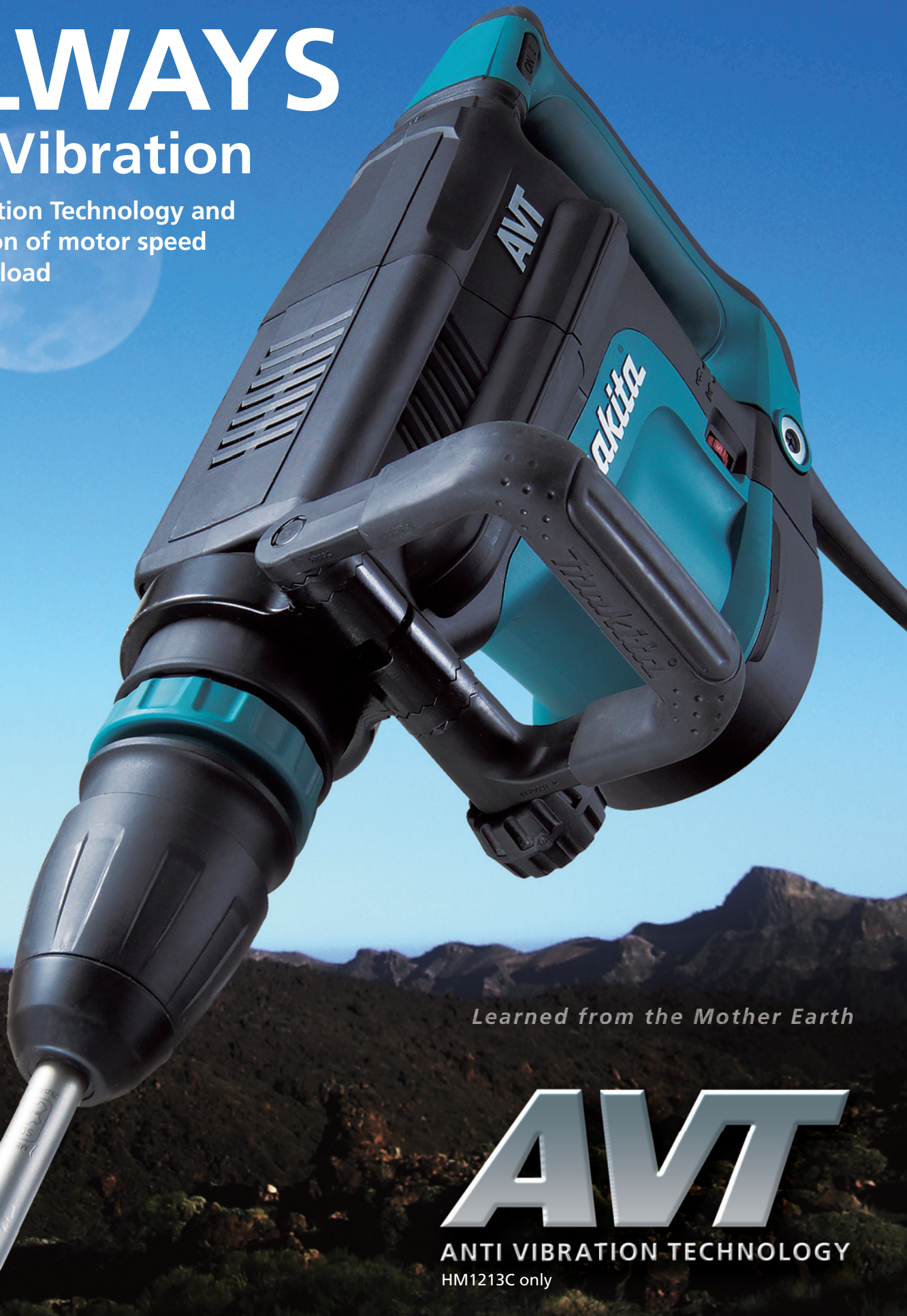


Adapted for
SDS-MAX bits

ALWAYS low Vibration

Anti Vibration Technology and
Suppression of motor speed
during no-load

(HM1213C only)



Learned from the Mother Earth

AVT

ANTI VIBRATION TECHNOLOGY

HM1213C only



D-shaped side handle
swivels 360° to your desired position.
8 different settings (back and forth).

**Easy-to-operate
slide switch**

One-touch sliding chuck
for easy bit changes

12 bit angle settings

Photo : HM1213C

**Adapted for
SDS-MAX bits**

Electronic with ;

- Variable speed control by dial
- LED service light that indicates when to replace carbon brush
- LED power light that indicates trouble with the electric circuit
- Soft start for suppressing start-up reaction
- Constant speed control



Rubberized soft grip
provides more comfort and control.

Long size carbon brush
for extended service life

Dominate the Job Site

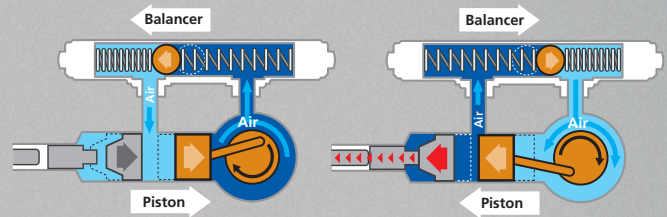
with Makita's Low Vibration Demolition Hammer

Under load

Anti Vibration Technology (HM1213C only)



A Active dynamic vibration absorber
Shift of air pressure in crank room and barrel room "actively" controls balancer to move opposite of piston.



B Vibration Absorbing Grip

Spring loaded hinged grip absorbs vibration.



AVT
ANTI VIBRATION TECHNOLOGY



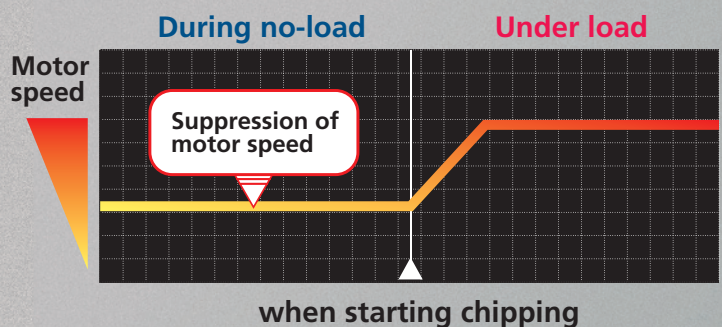
During no-load



Suppression of motor speed

- reduces vibration of tool body when idling, accordingly decreases the amount of vibration to operator's hands during a day's operation.

- minimizes deflection of bit tip from aiming point when starting chipping.

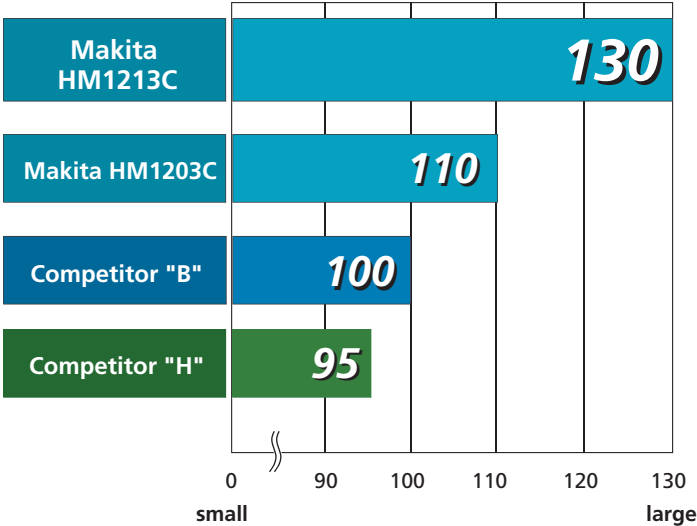


Comparison of Efficiency

Note:

1. The test results depend to a great extent on the hardness of the material, etc.
2. Numbers in the charts below are relative values when the capacities of Competitor "B" model are indexed at 100.
3. Chipped concrete in vertical down application using $\varnothing 1.5\text{mm}^2 \times 50\text{m}$ cord reel, and measured the amount of concrete removed.

Test material: Concrete with compressive strength of 40N/mm^2

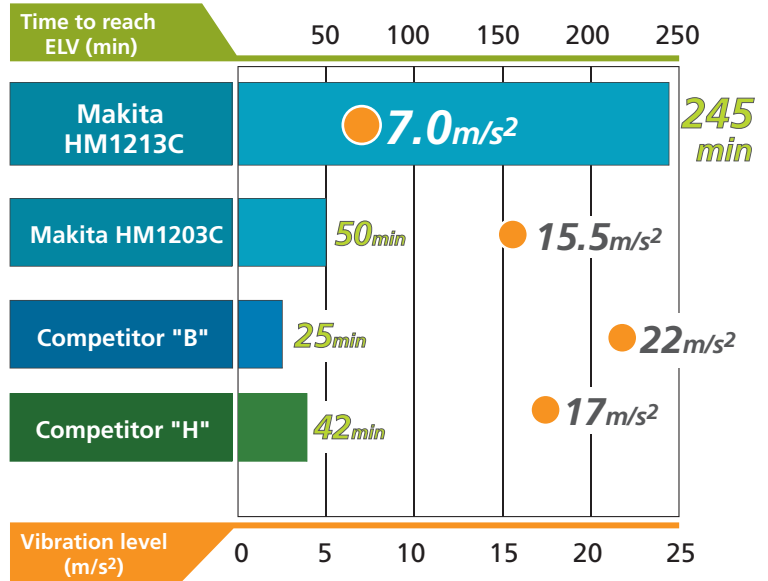


See the Result of AVT






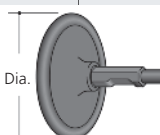



Comparison of Vibration level* and Time to reach ELV (Exposure Limit of Vibration)**

*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

Bull point (For demolishing concrete)  <table border="1"> <thead> <tr> <th>Length(mm)</th> <th>Type</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>280</td> <td>-</td> <td>A-80787</td> </tr> <tr> <td>400</td> <td>-</td> <td>A-80793</td> </tr> <tr> <td>600</td> <td>-</td> <td>A-87476</td> </tr> </tbody> </table>	Length(mm)	Type	Part No.	280	-	A-80787	400	-	A-80793	600	-	A-87476	Scaling chisel (A wide chisel for chipping away scale of dried concrete spatter)  <table border="1"> <thead> <tr> <th>Size(mm)</th> <th>Type</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>50 x 400</td> <td>-</td> <td>A-80824</td> </tr> </tbody> </table>	Size(mm)	Type	Part No.	50 x 400	-	A-80824	Bushing tool (For concrete surface removal)  <ul style="list-style-type: none"> • Use with shank (A-19897) <table border="1"> <thead> <tr> <th>Size(mm)</th> <th>Type</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>67 x 67</td> <td>•</td> <td>A-19881</td> </tr> </tbody> </table>	Size(mm)	Type	Part No.	67 x 67	•	A-19881
Length(mm)	Type	Part No.																								
280	-	A-80787																								
400	-	A-80793																								
600	-	A-87476																								
Size(mm)	Type	Part No.																								
50 x 400	-	A-80824																								
Size(mm)	Type	Part No.																								
67 x 67	•	A-19881																								
Self-Sharpening Bull Point  <table border="1"> <thead> <tr> <th>Length(mm)</th> <th>Type</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>400</td> <td>-</td> <td>B-10621</td> </tr> </tbody> </table>	Length(mm)	Type	Part No.	400	-	B-10621	Scaling chisel (for Tile) These items are available on request. Contact us for the minimum order quantity.  <table border="1"> <thead> <tr> <th>Size(mm)</th> <th>Type</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>50 x 300</td> <td>-</td> <td>A-80830</td> </tr> </tbody> </table>	Size(mm)	Type	Part No.	50 x 300	-	A-80830	Rammer (For tamping) <ul style="list-style-type: none"> • Use with shank (A-19897)  <table border="1"> <thead> <tr> <th>Dia (mm)</th> <th>Type</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>140</td> <td>•</td> <td>A-19875</td> </tr> </tbody> </table>	Dia (mm)	Type	Part No.	140	•	A-19875						
Length(mm)	Type	Part No.																								
400	-	B-10621																								
Size(mm)	Type	Part No.																								
50 x 300	-	A-80830																								
Dia (mm)	Type	Part No.																								
140	•	A-19875																								
Cold chisel (For chipping, edging, channeling and breaking away larger chunks of concrete)  <table border="1"> <thead> <tr> <th>Size(mm)</th> <th>Type</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>25 x 280</td> <td>-</td> <td>A-80802</td> </tr> <tr> <td>25 x 400</td> <td>-</td> <td>A-80818</td> </tr> <tr> <td>24 x 600</td> <td>-</td> <td>A-87482</td> </tr> </tbody> </table>	Size(mm)	Type	Part No.	25 x 280	-	A-80802	25 x 400	-	A-80818	24 x 600	-	A-87482	Clay spade  <table border="1"> <thead> <tr> <th>Size(mm)</th> <th>Type</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>105 x 400</td> <td>-</td> <td>A-17653</td> </tr> </tbody> </table>	Size(mm)	Type	Part No.	105 x 400	-	A-17653	Grease vessel set 100ml (for bit)  <table border="1"> <thead> <tr> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>194683-7</td> </tr> </tbody> </table>	Part No.	194683-7				
Size(mm)	Type	Part No.																								
25 x 280	-	A-80802																								
25 x 400	-	A-80818																								
24 x 600	-	A-87482																								
Size(mm)	Type	Part No.																								
105 x 400	-	A-17653																								
Part No.																										
194683-7																										

Demolition Hammer HM1213C / HM1203C Adapted for SDS-MAX bits

171 min

- Double Insulation
- Variable Speed
- Constant Speed
- Soft Start
- SDS-MAX Shank
- Carrying Case



Photo: HM1213C

Photo: HM1203C

	HM1213C	HM1203C
Continuous rating Input	1,510W	1,510W
Impacts per minute (ipm)	950-1,900	950 - 1,900
Dimensions (L x W x H)	576 x 149 x 265mm (22-3/4" x 5-7/8" x 10-3/8")	576 x 128 x 265mm (22-3/4" x 5" x 10-3/8")
Net weight	*10.8kg (23.6lbs)	*9.7kg (21.4lbs)
Power supply cord	5.0m (16.4ft)	5.0m (16.4ft)

*weight according to EPTA-Procedure 01/2003

Standard Equipment Bull Point, Bit Grease, Side Handle

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

Makita Corporation

3-11-8 Sumiyoshi-cho, Anjo, Aichi, 446-8502 Japan

PRINTED IN JAPAN Z23461-2 AJ-AH