## ■ 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 "H" model are indexed at 100.
3. Chipped concrete in vertical down application using ø1.5mm x 50m cord reel, and measured the amount of concrete removed.
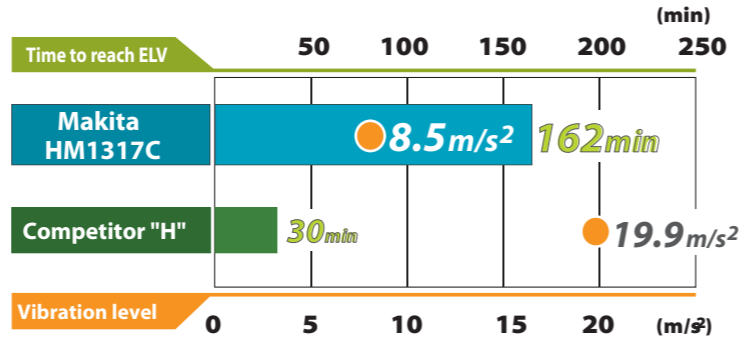
Test material:
Concrete with compressive strength of 40N/mm²

Makita HM1317C	**135**	
Competitor "H"	100	

small   0   100 110 120 130 140 large
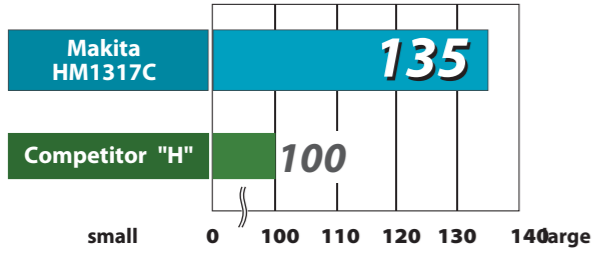
■ See the Result of AVT

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.

(min)
50   100   150   200   250

Time to reach ELV	
Makita HM1317C	8.5 m/s² · 162min
Competitor "H"	30min · 19.9 m/s²
Vibration level	0 5 10 15 20 (m/s²)

1-1/8" HEX SHANK DEMOLITION BITS

	Size	Part No.	For Models
	Bull Point - For demolishing		
	16" Self-Sharpening	B-45559	
	20"	751420-A	
	Flat Chisel - For breaking away large chunks of concrete, chipping, channeling		
	15/16" X 20"	751220-A	
	Scaling Chisel - Wide chisel for chipping away scale or dried concrete splatter		
	3" X 20"	751221-A	
	Clay Spade - For digging in clay, shale and more		
	5-1/2" X 23-1/2"	751622-A	
	Tamper Shank - For tamping operations (use with corresponding Plate)		
	15" Long	751103-A	
	Tamper Plate		
	6" x 6"	751710-A	HM1812 / X1
	8" X 8"	751711-A	HM1810X3
	Ground Rod Driver - For driving electrical ground rods into the earth		HM1317CB
	1" X 15"	751102-A	HM1307CB
	Asphalt Cutter - For cutting through asphalt		
	5" X 17"	751620-A	
	Keenkut Chisel - Similar to flat chisel but with thicker blade for longer life		
	1-3/8" X 20"	751222-A	
	Digging Chisel - For digging in confined areas, channeling and more		
	3" X 22-1/2"	751621-A	
	Frost Wedge - For digging and breaking up frozen ground		
	1-3/4" X 24-1/2"	751223-A	
	Spike / Pin Driver - For driving spikes and pins such as guide anchors, tent stakes		
	1-3/4" X 18"	751101-A	
	2-1/2" X 5-1/2"	751106-A	
	(Use with Tamper Shank 751103-A)		

42 lbs 1-1/8" Hex Demolition Hammers

HM1317CB with AVT
HM1307CB

- Double Insulation
- Variable Speed
- Constant Speed
- Soft Start
- 28.6mm Hex Shank (HM1317CB/ HM1307CB)
- Carrying Case

Bit Type	1-1/8" Hex
Blows Per Minute	730 - 1,450 BPM
Impact Energy	33.8 J (24.9 ft. lbs)
AMPS (120V)	14.0 A
Overall Length	32-1/2" (824 mm)

HM1317CB with AVT

Standard Equipment: 1-1/8" Hex Shank Bull Point (751420-A), Plastic Carrying Case (824897-1)

When QUALITY & SERVICE COUNTS – Choose Makita
makita.ca

makita®

42 lbs 1-1/8" Hex Demolition Hammers
HM1317CB/ HM1307CB   ⬡ 1-1/8" Hex Shank

Photo: HM1317CB

HIGH DURABILITY EXCELLENT DEMOLITION

AVT & SOFT NO LOAD
ANTI VIBRATION TECHNOLOGY
HM1317CB only

High durability

achieved by strengthening of key parts such as barrel or gears

Easy-to-operate slide switch
Reduces hand fatigue and pain even in long continuous operation.

Ergonomically designed handle with rubberized soft grip
provides more comfort and control. While minimizing hand fatigue and pain.

Durable gears

Flat external design

Long size carbon brush for extended service life

Increased repairability
obtained by using ingenious Brush holder unit for simplified wiring

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

Strengthened aluminum barrel

AVT & SOFT NO LOAD
NTI VIBRATION TECHNOLOGY
HM1317CB only

Dominate the Job Site
## with Makita's Low Vibration Electric Breaker

Under load

Active dynamic vibration absorber
ensures operation with extremely low vibration.
allows tool design with flat body sides for better handling.

Counterweight

Striker — Piston

Counterweight

Striker — Piston
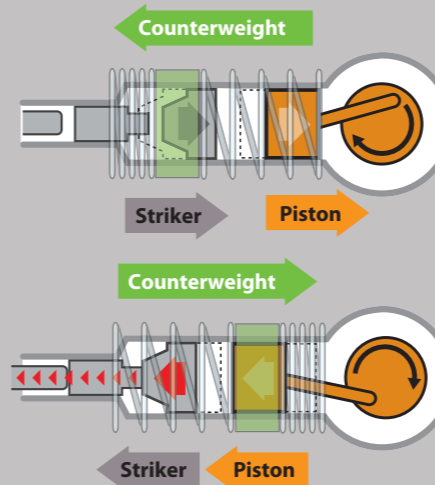
Vibration is absorbed efficiently by the Counterweight's dynamic action produced by our innovative active mechanism.

Counterweight
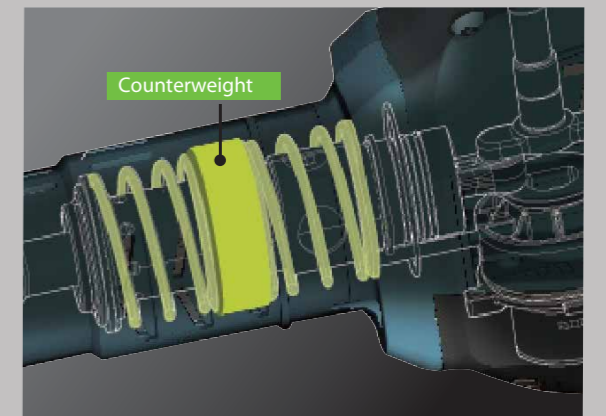
AVT
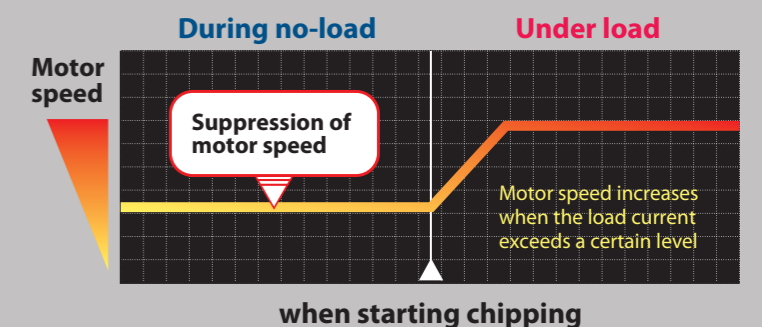ANTI VIBRATION TECHNOLOGY

HM1317CB only

ALWAYS low Vibration

During no-load

SOFT 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.

Motor speed

During no-load | Under load

Suppression of motor speed

Motor speed increases when the load current exceeds a certain level

when starting chipping