



AVT
ANTI VIBRATION TECHNOLOGY



Adapted for
SDS-MAX bits

Electronic Control

The constant speed control keeps minimizing the speed loss under loaded conditions and enables highly efficient operation.

The soft starter suppresses the rotation speed for seconds at startup to reduce the starting shock.

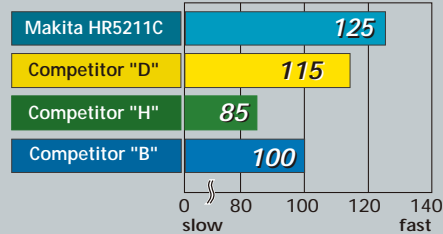
Comparison of Efficiency

Note: 1. It may differ under some conditions.
2. Numbers in the charts below are relative values when the capacities of Competitor "B" are indexed at 100.

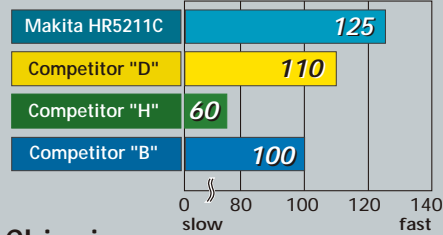
1 Drilling

Test conditions:
Drilled in concrete with compressive strength of 40N/mm².

Bit diameter: 25mm

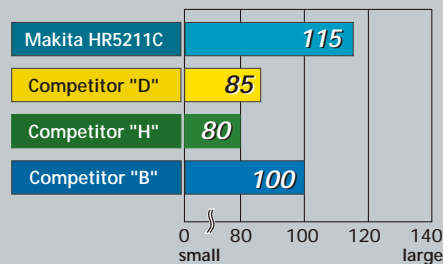


Bit diameter: 40mm



2 Chipping

Test conditions:
Chipped concrete with compressive strength of 40N/mm².



Rotary Hammer

HR5211C/ HR5210C/ HR5201C 52mm (2")

Satisfy Professional's Needs



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SDS-MAX bits



52mm

Learned from the Mother Earth

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Rotary Hammer HR5211C / HR5210C / HR5201C 52mm (2") 171

	HR5211C	HR5210C	HR5201C
Double Insulation	1,500W	1,500W	1,500W
Variable Speed	52mm (2")	52mm (2")	52mm (2")
Electronic Speed Control	160mm (6-1/4")	160mm (6-1/4")	160mm (6-1/4")
Soft Start	1,075-2,150ipm	1,075-2,150ipm	1,075-2,150ipm
Torque Limiter	130-260rpm	130-260rpm	130-260rpm
Carrying Case	599mm x 149mm x 287mm (23-1/2" x 5-7/8" x 11-1/4")	599mm x 149mm x 287mm (23-1/2" x 5-7/8" x 11-1/4")	599mm x 130mm x 287mm (23-1/2" x 5-1/8" x 11-1/4")
	11.6kg (25.6lbs)	11.6kg (25.6lbs)	10.8kg (23.8lbs)
	5.0m (16.4ft)	5.0m (16.4ft)	5.0m (16.4ft)
	Standard Equipment Depth Gauge, Side Handle (D), Side Handle (Bar), Bit Grease, Cleaning Cloth (Tool does not come with bit)		

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

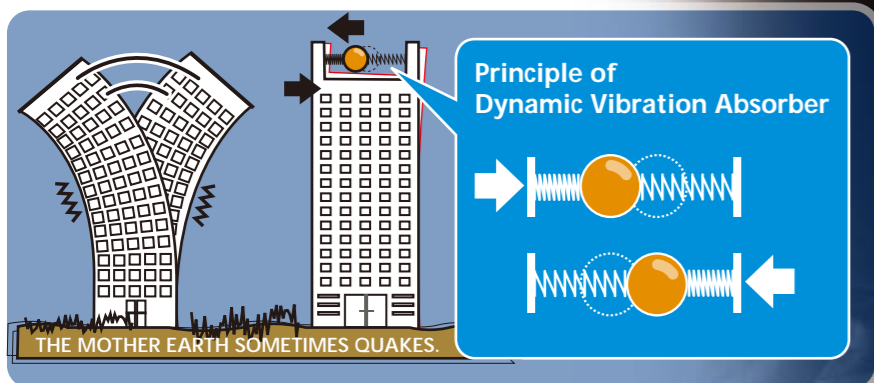
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Learned from the Mother Earth

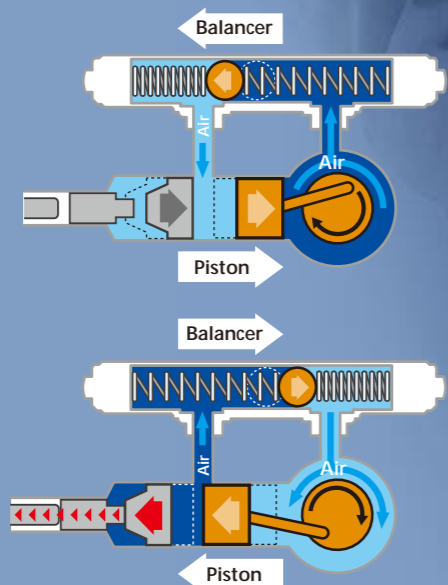
How to generate **POWER**
 How to manage **VIBRATION**
 How to bring you **COMFORT**



MAKITA'S "Active" Dynamic Vibration Absorber

(HR5211C and HR5210C)

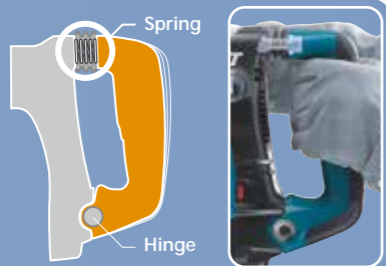
Shift of air pressure in crank room and barrel room "actively" controls balancer to move opposite of piston.



Vibration Absorbing Grip

(HR5211C only)

Spring loaded hinged grip absorbs vibration



See the Result of AVT

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

	Vibration level				Time to reach ELV
	10m/s ²	15m/s ²	20m/s ²	25m/s ²	
HR5211C	● 12.5m/s ²				77min
HR5210C	● 17.0m/s ²				42min
HR5201C	● 19.5m/s ²				32min
HR5001C	● 21.5m/s ²				26min
Competitor "B"	● 20.5m/s ²				29min

*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.

	Name Plate :: Located on low damage risk area		Slide Chuck :: Push-in and Go :: Slide-back and Pull
	LED :: Green :Electrified :: Red :Replacement of carbon brush		Rubberized Grip :: For comfort
	Dial :: Variable speed control		Auto Cut-Out Carbon Brush :: protects commutator and indicates time for maintenance
	No Hammering while Idling :: Ensures machine's long life		Mode Change Lever :: Located on low damage risk area :: Protected by robust aluminum top
	Torque Limiter :: When drill bit hits against reinforcements, Torque Limiter operates to stop		85 mm Long Barrel Portion :: can be securely held by hand
	Longer life of Carbon brushes :: features twice as long as that of Predecessor model by employing large carbon brush.		16 Angle Settings of Chisel bit

HR5211C Extremely Comfortable

Easiest to manage the exposure of vibration to hands and arms.



AVT

- /// Active Dynamic Vibration Absorber
- /// Vibration Absorbing Grip



HR5210C Easy and Very Comfortable

Easier to manage the exposure of vibration to body. Easy operating Slide Lock-on Switch for hammering.



AVT

- /// Active Dynamic Vibration Absorber



HR5201C Easy and Comfortable

Slide Lock-on switch leaves operators' fingers out of effort to keep pulling trigger for long hours when hammering.



AVT

- /// Active Dynamic Vibration Absorber



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