



SDS-Max Shank



**AVT**  
ANTI VIBRATION TECHNOLOGY

### 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.

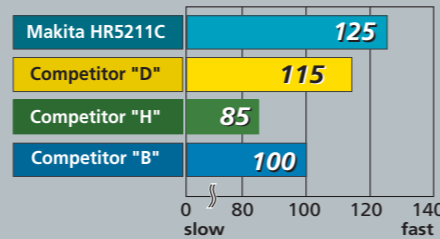
### Comparison of Efficiency

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.

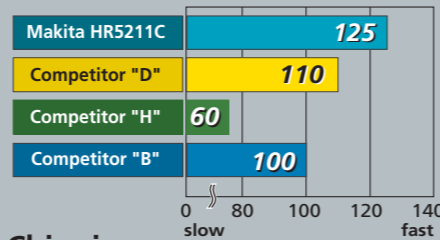
#### 1 Drilling

Test conditions:  
Drilled in concrete with compressive strength of 40N/mm<sup>2</sup>.

Bit diameter: 25mm

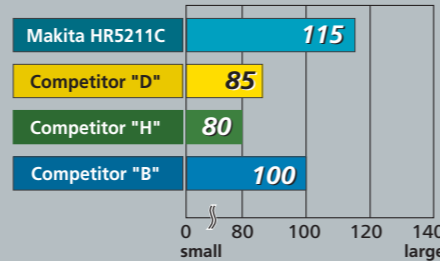


Bit diameter: 40mm



#### 2 Chipping

Test conditions:  
Chipped concrete with compressive strength of 40N/mm<sup>2</sup>.



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

- Double Insulation
- Variable Speed
- Electronic Speed Control
- Soft Start
- Torque Limiter
- Carrying Case

	HR5211C	HR5210C	HR5201C
Continuous rating Input	1,500W	1,500W	1,500W
Max. bit dia.	52mm (2")	52mm (2")	52mm (2")
Max. core bit dia.	160mm (6-1/4")	160mm (6-1/4")	160mm (6-1/4")
Impacts per minute	1,075-2,150ipm	1,075-2,150ipm	1,075-2,150ipm
No load speed	130-260rpm	130-260rpm	130-260rpm
Dimensions (L x W x H)	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")
Net weight	11.6kg (25.6lbs)	11.6kg (25.6lbs)	10.8kg (23.8lbs)
Power supply cord	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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Satisfy Professional's Needs



## Rotary Hammer

HR5211C/ HR5210C/ HR5201C 52mm (2")



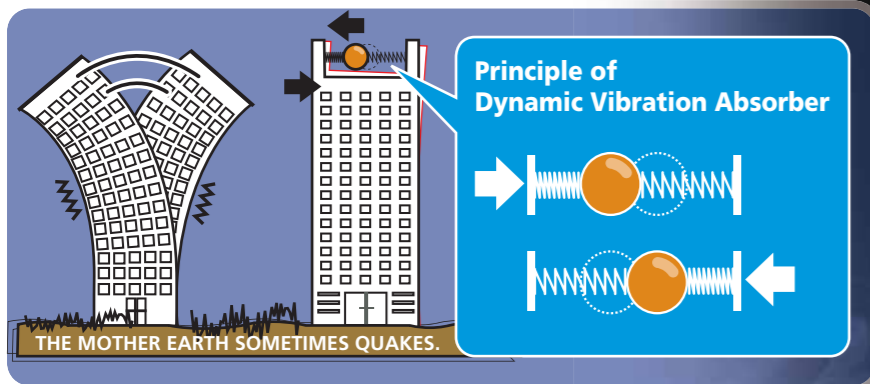
**52mm**

Learned from the Mother Earth

**AVT**  
ANTI VIBRATION TECHNOLOGY

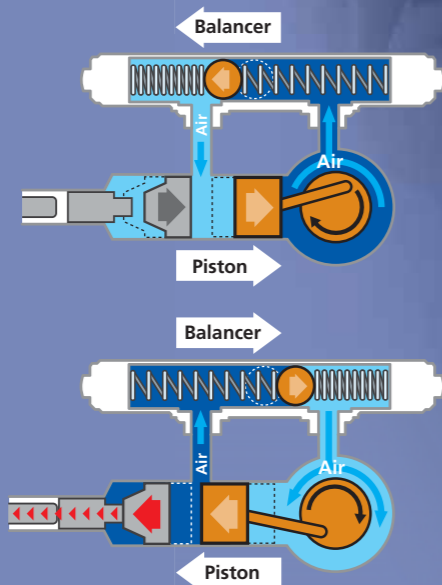
# Learned from the Mother Earth

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



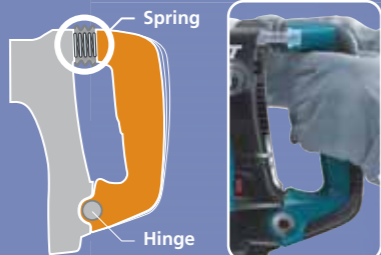
## MAKITA's "Active" Dynamic Vibration Absorber (HR5211C and HR5210C)

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



# AVT

ANTI VIBRATION TECHNOLOGY

## See the Result of AVT

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

	30min		60min		Time to reach ELV
	10m/s <sup>2</sup>	15m/s <sup>2</sup>	20m/s <sup>2</sup>	25m/s <sup>2</sup>	
HR5211C		● 12.5m/s <sup>2</sup>			77min
HR5210C			● 17.0m/s <sup>2</sup>		42min
HR5201C				● 19.5m/s <sup>2</sup>	32min
HR5001C				● 21.5m/s <sup>2</sup>	26min
Competitor "B"				● 20.5m/s <sup>2</sup>	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.

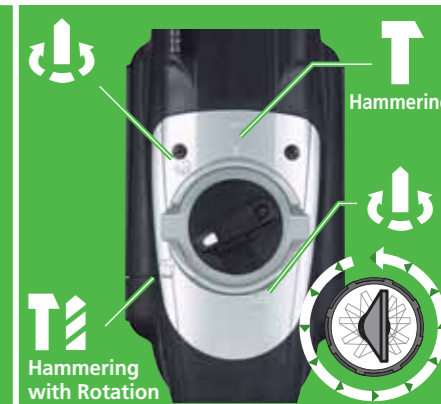
	<b>Name Plate</b> :: Located on low damage risk area		<b>Slide Chuck</b> :: Push-in and Go :: Slide-back and Pull
	<b>LED</b> :: Green :Electrified :: Red :Replacement of carbon brush		<b>Rubberized Grip</b> :: For comfort
	<b>Dial</b> :: Variable speed control		<b>Auto Cut-Out Carbon Brush</b> :: protects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

## 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
- Slide lock-on switch for Hammering
- Trigger switch for Hammering and Hammering with Rotation

