



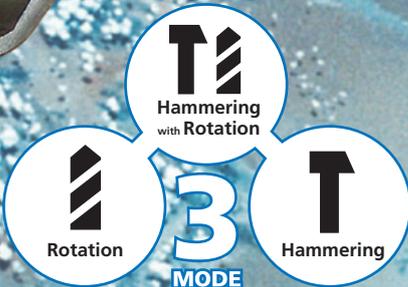
Satisfy Professional's Needs

Combination Hammer 32mm (1-1/4")
HR3210FCT, HR3210C, HR3200C



SDS-plus 32mm

Learned from the Mother Earth



AVT

ANTI VIBRATION TECHNOLOGY

AVT

Anti-Vibration Technology

(HR3210C and HR3210FCT only)

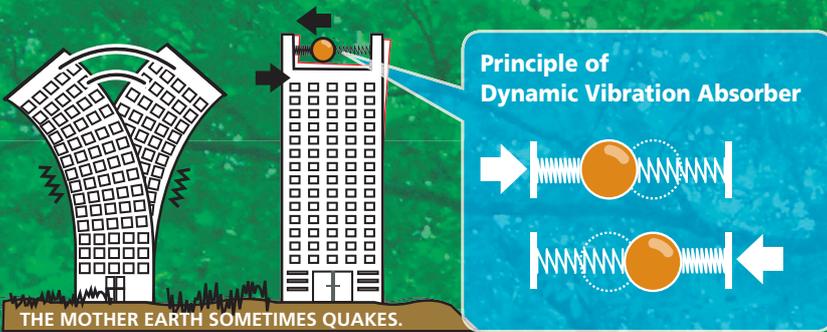
Learned from
the Mother Earth

How to generate
How to manage
How to bring you

POWER
VIBRATION
COMFORT

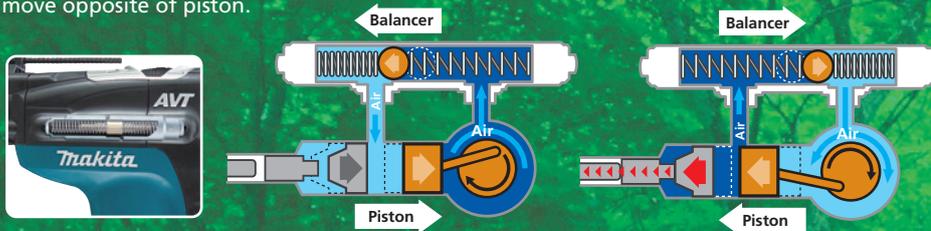
Powerful Impact Energy
Vibration Level with AVT

Forcible Drilling



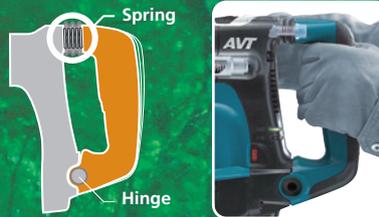
MAKITA's "Active" Dynamic Vibration Absorber

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



Vibration Absorbing Grip

spring loaded hinged grip absorbs vibration



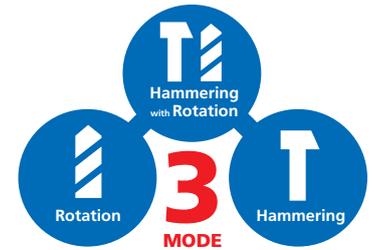
See the Result of AVT

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

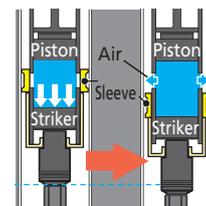
	20min	40min	60min	80min	100min	Time to reach ELV
HR3210C HR3210FCT		10.0m/s ²				120min
Competitor H			14.5m/s ²			57min
Competitor B				16.5m/s ²		44min
Vibration level	10m/s ²	15m/s ²	20m/s ²	25m/s ²		

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

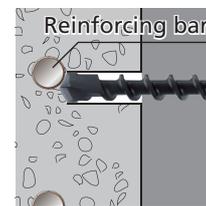
**It means the maximum amount of vibration that an operator may be exposed to on any single day.



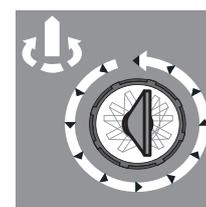
Simple Single-Lever Control
for Changing Operation Mode



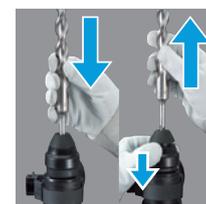
No Hammering
while Idling
ensures machine's long life.



Torque Limiter
when drill bit hits against
reinforcements,
Torque Limiter operates
to stop.



24 Angle Settings
of Chisel bit



Slide Chuck
:: push-in and Go
:: slide-back and Pull

: 5.5J
T: 10m/s²



Photo : HR3210C

ng and Chipping with Ultra-Low Vibration



Rubberized Soft Grip
provides more control and comfort while minimizing hand fatigue and pain.

Change Lever in protected position
for reduced possibility of breakage even if the machine is carelessly down to rest.

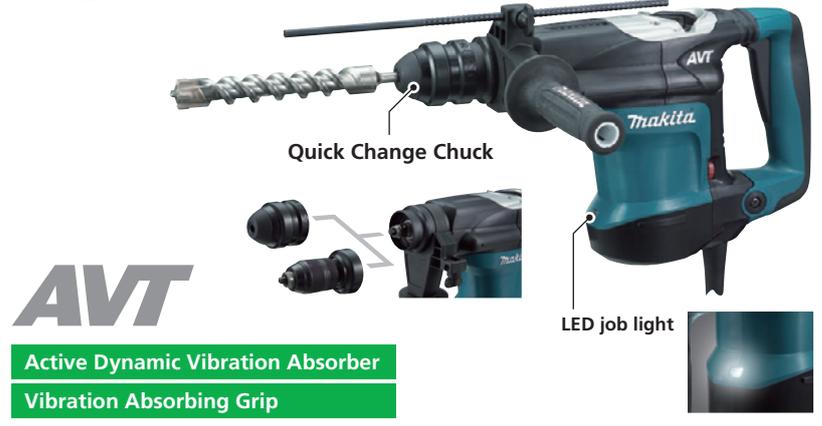
Auto Cut-Out Carbon Brush
protects commutator and indicates time for maintenance.
Longer life of Carbon brushes
features twice as long as that of Predecessor model by employing large carbon brush.

Electronic control features
Variable speed control by dial
Constant speed control, Soft Start
variable speed control

LED lamp
for indication of "Green"
:: being electrified of "Blinking Red"
:: replacing of carbon brush

3 mode Combination Hammer SDS-Plus Shank

HR3210FCT



HR3210C



HR3200C



Tool does not come with bit.

Comparison of Efficiency

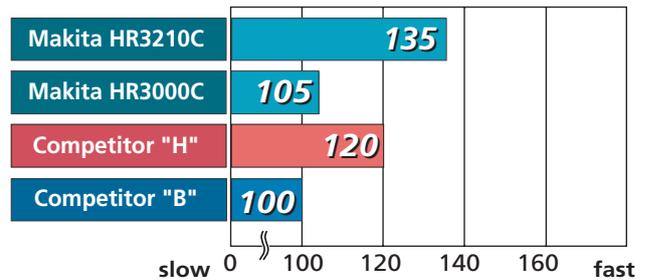
Note: 1. It may differ under some conditions.
2. Numbers in the charts below are relative values when the capacities of Competitor "B" are indexed at 100.

1 Drilling

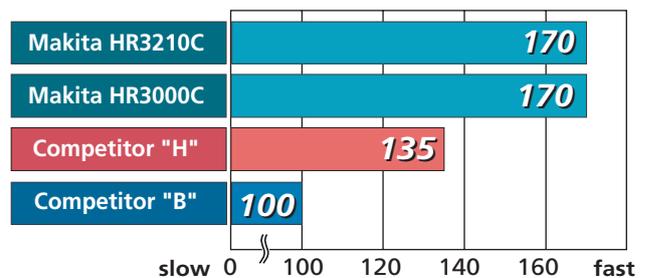
Test conditions:

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

Bit diameter: 18mm



Bit diameter: 22mm



2 Chipping

Test conditions:

Chipped concrete with compressive strength of 40N/mm².

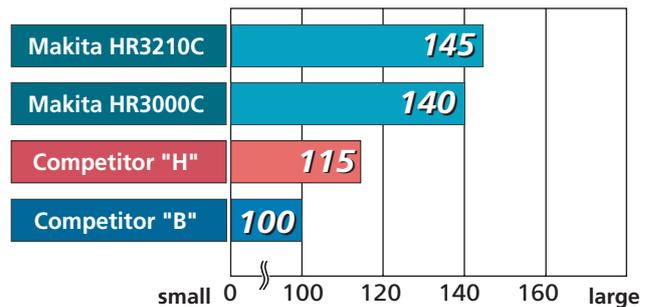


Photo : HR3210C



Photo : HR3200C



Photo : HR3210C

Combination Hammer	HR3210FCT / HR3210C / HR3200C	32mm (1-1/4")	350
Double Insulation	<i>HR3210FCT</i>	<i>HR3210C</i>	<i>HR3200C</i>
Variable Speed	850W	850W	850W
Electronic Speed Control	32mm (1-1/4")	32mm (1-1/4")	32mm (1-1/4")
Soft Start	Max. bit dia.	Max. core bit dia.	90mm (3-1/2")
Torque Limiter	Impacts per minute (ipm)	1,650-3,300	1,650-3,300
SDS-Plus Shank	No load speed (rpm)	315-630	315-630
Carrying Case	Dimensions	424 x 114 x 239mm	398 x 114 x 239mm
Built-in Job Light (HR3210FCT only)	(L x W x H)	(16-3/4" x 4-1/2" x 9-3/8")	(15-5/8" x 4-1/2" x 9-3/8")
	Net weight	5.0kg (11.0lbs)	4.8kg (10.6lbs)
	Power supply cord	5.0m (16.4ft)	5.0m (16.4ft)
	Standard Equipment		
	Quick Change Drill Chuck Set (HR3210FCT only), Depth Gauge, Side Grip, Bit Grease (Tool does not come with bit.)		

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

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