



Photo : HR3210C



Photo : HR3200C



Photo : HR3210C

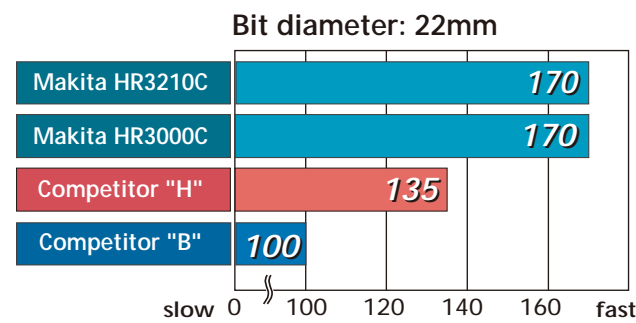
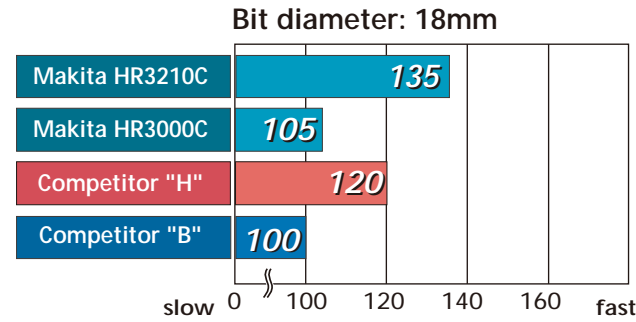


Comparison of Efficiency

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.

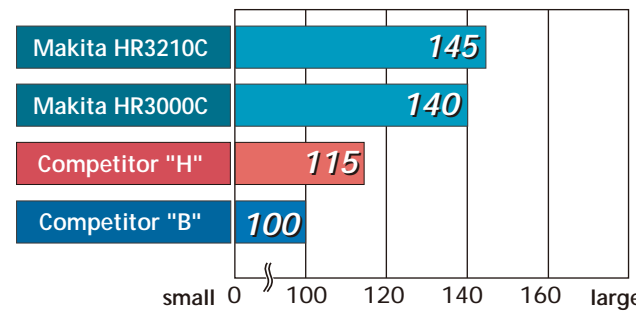
1 Drilling

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



2 Chipping

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



Combination Hammer HR3210FCT / HR3210C / HR3200C 32mm (1-1/4") 350 Watt

Double Insulation	HR3210FCT	HR3210C	HR3200C
Variable Speed	850W	850W	850W
Electronic Speed Control	32mm (1-1/4")	32mm (1-1/4")	32mm (1-1/4")
Soft Start	90mm (3-1/2")	90mm (3-1/2")	90mm (3-1/2")
Torque Limiter	1,650-3,300	1,650-3,300	1,650-3,300
Adapted for SDS-PLUS bits	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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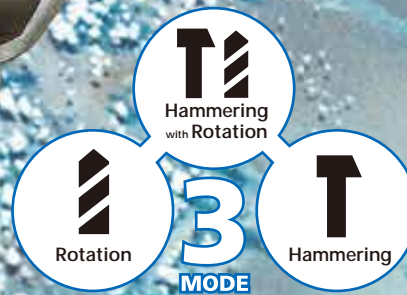


Combination Hammer
HR3210FCT, HR3210C, HR3200C
32mm (1-1/4")



SDS-PLUS 35mm

Learned from the Mother Earth



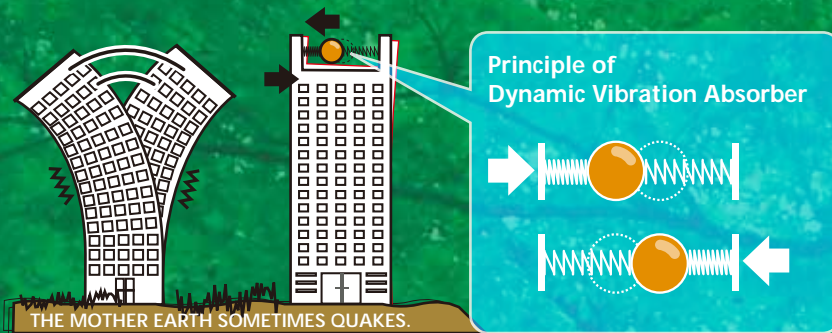
AVT
ANTI VIBRATION TECHNOLOGY

AVT

Anti-Vibration Technology
(HR3210C and HR3210FCT only)

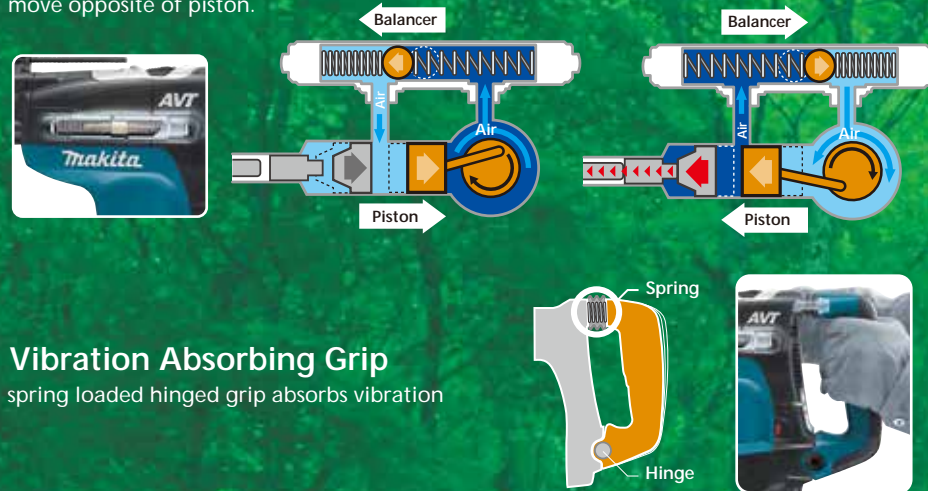
Learned from the Mother Earth

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



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).

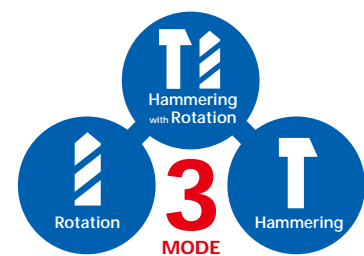
**It means the maximum amount of vibration that an operator may be exposed to on any single day.

Powerful Impact Energy: 5.5J
Vibration Level with AVT: 10m/s²

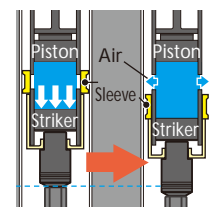


Photo: HR3210C

Forcible Drilling and Chipping with Ultra-Low Vibration



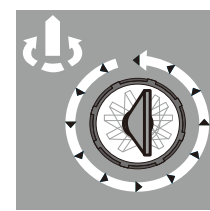
Simple Single-Lever Control for Changing Operation Mode



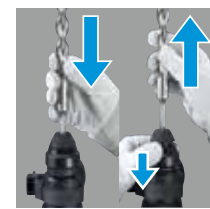
No Hammering while Idling ensures machine's long life.



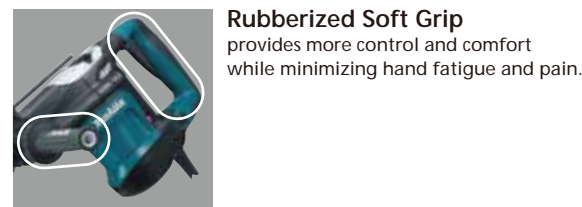
Torque Limiter when drill bit hits against reinforcements, Torque Limiter operates to stop.



24 Angle Settings of Chisel bit



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



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 Adapted for SDS-PLUS bits

HR3210FCT



AVT

Active Dynamic Vibration Absorber
Vibration Absorbing Grip

HR3210C



AVT

Active Dynamic Vibration Absorber
Vibration Absorbing Grip

HR3200C



Tool does not come with bit.