



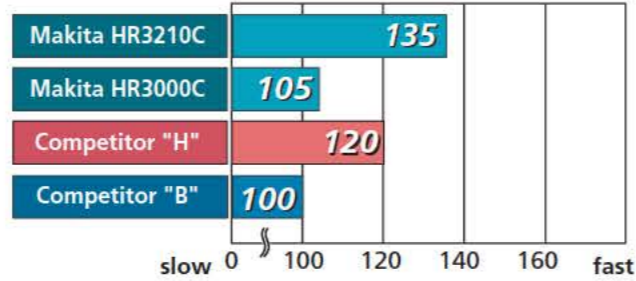
Comparison of Efficiency

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.

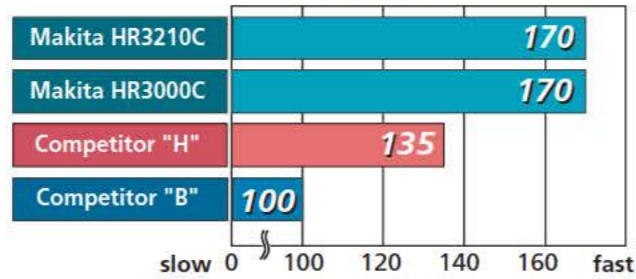
1 Drilling

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

Bit diameter: 18mm

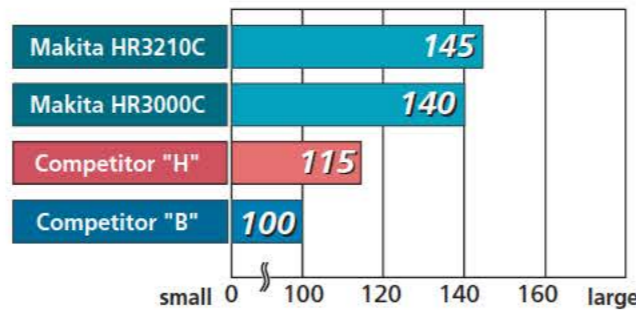


Bit diameter: 22mm



2 Chipping

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



Combination Hammer	HR3210FCT / HR3210C / HR3200C	32mm (1-1/4")	350
Double Insulation	HR3210FCT	HR3210C	HR3200C
Variable Speed	850W	850W	850W
Electronic Speed Control	Max. bit dia. 32mm (1-1/4")	32mm (1-1/4")	32mm (1-1/4")
Soft Start	Max. core bit dia. 90mm (3-1/2")	90mm (3-1/2")	90mm (3-1/2")
Torque Limiter	Impacts per minute (ipm) 1,650-3,300	1,650-3,300	1,650-3,300
SDS-Plus Shank	No load speed (rpm) 315-630	315-630	315-630
Carrying Case	Dimensions 424 x 114 x 239mm	398 x 114 x 239mm	398 x 108 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")	(15-5/8" x 4-1/4" x 9-3/8")
	Net weight 5.0kg (11.0lbs)	4.8kg (10.6lbs)	4.4kg (9.7lbs)
	Power supply cord 5.0m (16.4ft)	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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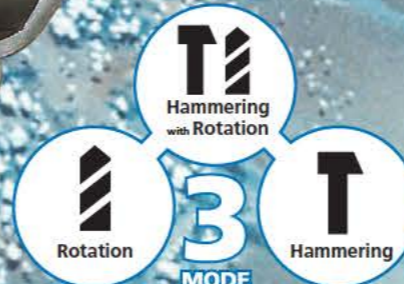


Satisfy Professional's Needs
Combination Hammer 32mm (1-1/4")
HR3210FCT, HR3210C, HR3200C



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

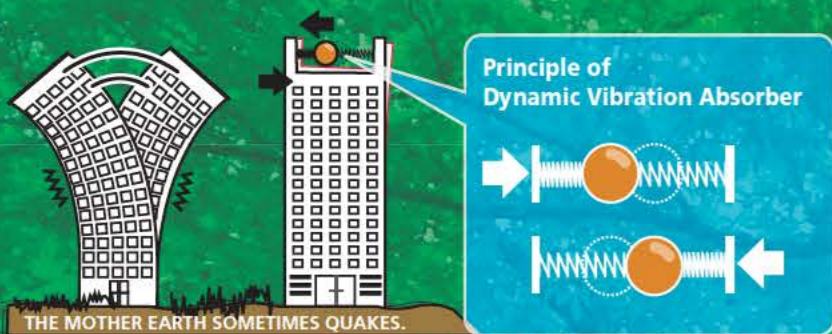
How to generate POWER
How to manage VIBRATION
How to bring you COMFORT

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



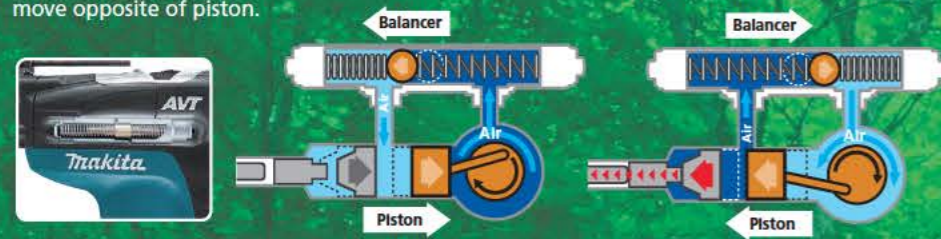
Photo: HR3210C

Forcible Drilling and Chipping with Ultra-Low Vibration



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



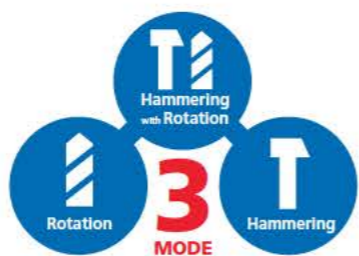
See the Result of AVT

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

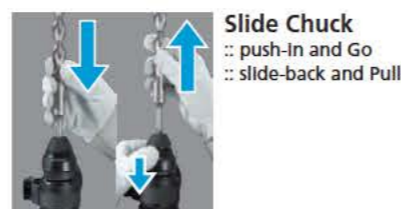
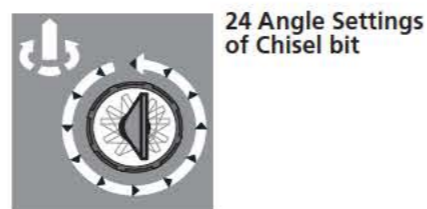
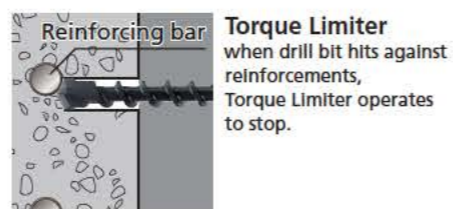
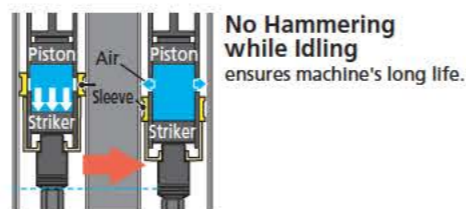
	20min	40min	60min	80min	100min	Time to reach ELV
HR3210C HR3210FCT		● 10.0m/s ²				120min
Competitor H			● 14.5m/s ²			57min
Competitor B				● 16.5m/s ²		44min
	Vibration level	10m/s ²	15m/s ²	20m/s ²	25m/s ²	

*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



3 mode Combination Hammer SDS-Plus Shank

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.