

## Dust-free work with MAKITA Dust Collection System



### WITHOUT Dust Cup and Vacuum Cleaner



- Overhead application: Dust and debris falling on operator's face are disturbing.
- Vertical application: Debris may damage floor surface.
- Downward application: Troublesome cleaning is required to wipe dust and debris away from drilled hole surrounding.

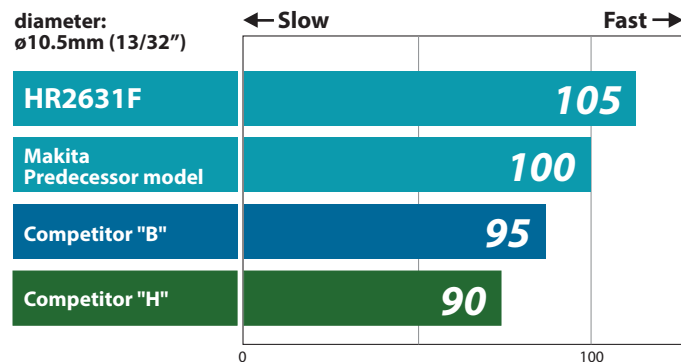
### WITH Dust Cup and Vacuum Cleaner



- Dust cup collects falling dust and debris to protect operator's face.
- With Vacuum cleaner, this dust cup can efficiently extract dust and debris in a wide range of drilling operations; from overhead to vertical downward applications.
- Higher visibility of the bit tip obtained by transparent cup mouth

### Comparison of Efficiency

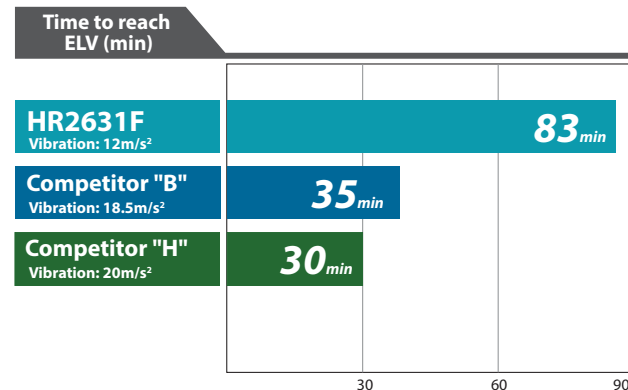
1. The test results depend to a great extent on the hardness of the material, etc.  
 2. Numbers in the chart below are relative values when the capacity of Makita predecessor model is indexed at 100.  
 Test conditions: Drilled holes to a depth of 40mm (1-9/16") using  $\phi 1.5\text{mm} \times 50\text{m}$  cord reel.  
 Test material: Concrete with compressive strength of 40N/mm<sup>2</sup>



### See the Result of AVT

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

\*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.



Features	Combination Hammers (3 mode) Adapted for SDS-PLUS bits				Rotary Hammers (2 mode) Adapted for SDS-PLUS bits				
	HR2631F	HR2630	HR2631FT	HR2630T	HR2320T	HR2601	HR2600	HR2300	
Double Insulation	●	●	●	●	●	●	●	●	
Variable Speed	●	●	●	●	●	●	●	●	
Reversing	●	●	●	●	●	●	●	●	
SDS-PLUS Shank	●	●	●	●	●	●	●	●	
Torque Limiter	●	●	●	●	●	●	●	●	
Dust Collecting	●	●	●	●	●	●	●	●	
Built-in Job Light (HR2631F / HR2631FT)	●	●	●	●	●	●	●	●	
Carrying Case	●	●	●	●	●	●	●	●	
AVT (Anti Vibration Tech)	●	●	●	●	●	●	●	●	
LED job light	●	●	●	●	●	●	●	●	
Quick change drill chuck	●	●	●	●	●	●	●	●	
Operation Mode	3 Modes	3 Modes	3 Modes	3 Modes	3 Modes	2 Modes	2 Modes	2 Modes	
Continuous rating input	800W	800W	800W	800W	720W	800W	800W	720W	
Impact energy	2.4J	2.4J	2.4J	2.4J	2.3J	2.4J	2.4J	2.3J	
Capacity	Concrete: 26mm (1") Steel: 13mm (1/2") Wood: 32mm (1-1/4")	Concrete: 26mm (1") Steel: 13mm (1/2") Wood: 32mm (1-1/4")	Concrete: 26mm (1") Steel: 13mm (1/2") Wood: 32mm (1-1/4")	Concrete: 26mm (1") Steel: 13mm (1/2") Wood: 32mm (1-1/4")	Concrete: 23mm (7/8") Steel: 13mm (1/2") Wood: 32mm (1-1/4")	Concrete: 26mm (1") Steel: 13mm (1/2") Wood: 32mm (1-1/4")	Concrete: 26mm (1") Steel: 13mm (1/2") Wood: 32mm (1-1/4")	Concrete: 26mm (1") Steel: 13mm (1/2") Wood: 32mm (1-1/4")	Concrete: 23mm (7/8") Steel: 13mm (1/2") Wood: 32mm (1-1/4")
Impacts per minute (ipm)	0 - 4,600	0 - 4,600	0 - 4,600	0 - 4,600	0 - 4,600	0 - 4,600	0 - 4,600	0 - 4,600	
No load speed (rpm)	0 - 1,200	0 - 1,200	0 - 1,200	0 - 1,200	0 - 1,200	0 - 1,200	0 - 1,200	0 - 1,200	
Noise	90dB(A)   91dB(A)	90dB(A)   91dB(A)	90dB(A)   91dB(A)	90dB(A)   91dB(A)	91dB(A)	90dB(A)   91dB(A)	90dB(A)   91dB(A)	90dB(A)	
Vibration	12m/s <sup>2</sup>   15.5m/s <sup>2</sup>	11.5m/s <sup>2</sup>   15.0m/s <sup>2</sup>	11.5m/s <sup>2</sup>   15.0m/s <sup>2</sup>	11.5m/s <sup>2</sup>   15.0m/s <sup>2</sup>	15.5m/s <sup>2</sup>	12m/s <sup>2</sup>   15.5m/s <sup>2</sup>	12m/s <sup>2</sup>   15.5m/s <sup>2</sup>	15.5m/s <sup>2</sup>	
Dimensions (L x W x H)	361x77x209mm (14-1/4"x3"x8-1/4")	385x77x209mm (15-1/8"x3"x8-1/4")	385x77x209mm (15-1/8"x3"x8-1/4")	385x77x209mm (15-1/8"x3"x8-1/4")	380x77x209mm (15"x3"x8-1/4")	361x77x209mm (14-1/4"x3"x8-1/4")	361x77x209mm (14-1/4"x3"x8-1/4")	356x77x209mm (14"x3"x8-1/4")	
Net weight*	2.9kg (6.4lbs)   2.8kg (6.2lbs)	3.1kg (6.8lbs)   3.0kg (6.6lbs)	3.1kg (6.8lbs)   3.0kg (6.6lbs)	3.1kg (6.8lbs)   3.0kg (6.6lbs)	2.9kg (6.4lbs)	2.9kg (6.3lbs)   2.8kg (6.2lbs)	2.9kg (6.3lbs)   2.8kg (6.2lbs)	2.7kg (5.9lbs)	
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)	4.0m (13.1ft)	4.0m (13.1ft)	4.0m (13.1ft)	

Standard Equipment : Side Grip, Depth Gauge, Quick change drill chuck (HT2631FT, HR2630T, HT2320T)  
 (Tool does not come with bit.)

\*Weight according to EPTA-Procedure 01/2003  
 Items of standard equipment and specifications may vary by country or area.

## Makita Corporation

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PRINTED IN JAPAN BE-BC



Combination Hammer  
HR2631F series

Rotary Hammer  
HR2601 series



SDS-PLUS Shank

Satisfy Professional's Needs

## Extremely low vibration achieved by Anti-Vibration Technology.



Extra Comfort  
with

# AVT

ANTI VIBRATION TECHNOLOGY

Photo : HR2631F (Tool does not come with bit.)

# AVT

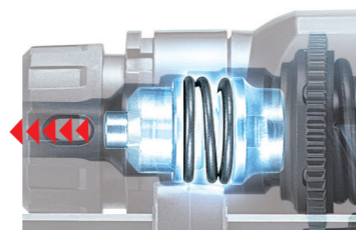
ANTI VIBRATION TECHNOLOGY  
(HR2631F, HR2631FT, HR2601)


# Extremely low vibration achieved by ...



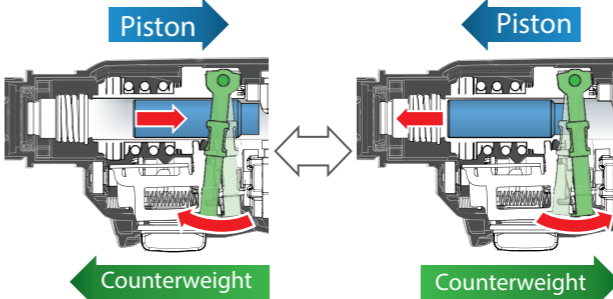
**1 Damper spring** 

absorbs reaction force caused by drill bit at the moment of impact.



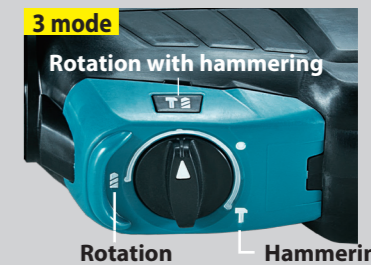
**2 Counterweight mechanism** 

dampens the vibration produced by impact mechanism by moving a counterweight in the opposite direction to the movement of the piston.



## Operation mode change lever

positioned on the bottom of gear housing for reduced possibility of breakage



Rotation with hammering

## Easy depth adjustment

Depth gauge can be adjusted with a single motion.



Photo: HR2631F

## Dust cup (Option)

is suited for interior or overhead drilling where dust exposure must be avoided.



## Quick change drill chuck

from SDS-plus to 3 jaw chuck literally in a second.  
(HR2631FT, HR2630T, HR2320T)



## One-touch sliding chuck

for easy bit changes

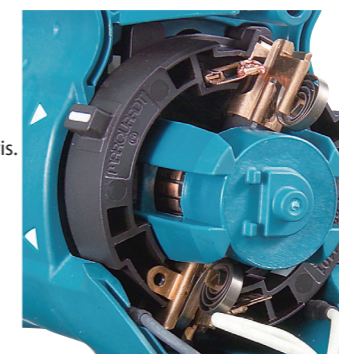
## 40 Different bit-angle settings

The bit-angle is adjustable without chisel adapter.



## Rotation reversing system using brush holder unit

- Features the following advantages:
- Protects Carbon Brush from foreign dusts and debris.
  - Life of Carbon Brush is 2.7 times long as the existing models.
  - Same speed and torque even in reverse rotation
  - Saves time and labor for repair thanks to simplified wiring.



## Easy-to-grip handle

ergonomically designed to give maximum power thrust

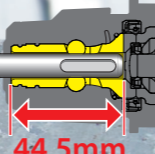


## Rubberized soft grip

provides more comfort and control.

## Minimum bit wobbling with longer bit guide

Competitor B: 38.5mm  
Competitor H: 36mm



Hammering (HR2631F, HR2630, HR2631FT, HR2630T, HR2320T)



Rotation (Drill Chuck is option)