



# Cordless Combination Hammer BHR242, BHR243 24mm (15/16")

Quick change chuck



Adapted for  
SDS-PLUS bits

Excellent maneuverability achieved by in-line grip and ideal gravity point close to handle for easy machine thrust



Easy-to-grip handle ergonomically designed to give maximum power thrust.  
Gravity point

## High Performance In All Aspects



Quick change drill chuck  
Quick change chuck Type (BHR243 only)

One touch slide chuck

Reverse switch operable by one hand



Less bit wobbling obtained with longer bit guide

40 different bit-angle settings

Unique rubber joint construction

suppresses the transmission of vibration to battery terminals, minimizing battery failures such as terminal breakage or poor electrical contact. The tool body is separated into the upper and lower housings at the foot of handle portion where the housings are jointed with vibration absorbing cushion rubbers.

Photo : BHR242  
Tool does not come with Bit.



### Lightweight

Total weight of machine + Dust extraction system:  
BHR242+DX01; 4.6kg (10.2lbs)  
BHR243+DX02; 4.8kg (10.6lbs)



### 3 mode operation

Rotation + Hammering /  
Hammering only / Rotation only

Dust cup set (option)



Charger DC18RA / DC18RC



Fast Charging  
22 min

Charger DC18RD  
Charging time : 60minutes



Battery BL1830  
Higher capacity  
BL1830 18V-3.0Ah



### Cordless Combination Hammer

### BHR242 / BHR243 24mm (15/16") Adapted for SDS-PLUS bits

- Variable Speed
- Brake
- Reversing
- SDS-PLUS Shank
- Torque Limiter
- Dust Collecting
- Carrying Case



	BHR242	BHR243 Quick change chuck
<b>Capacity</b>	Concrete : 24mm (15/16") Steel : 13mm (1/2") Wood : 27mm (1-1/16")	Concrete : 24mm (15/16") Steel : 13mm (1/2") Wood : 27mm (1-1/16")
<b>Impacts per minute (ipm)</b>	0-4,700	0-4,700
<b>No load speed (rpm)</b>	0-950	0-950
<b>Dimensions (L x W x H)</b>	328x85x213mm (12-7/8"x3-3/8"x8-3/8")	353x85x213mm (13-7/8"x3-3/8"x8-3/8")
<b>Net Weight*</b>	3.3kg (7.2lbs)	3.4kg (7.6lbs)

#### Standard Equipment:

Fast Charger, Battery Cartridge, Quick Change Drill Chuck (BHR243), Depth Gauge, Side Grip (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.



DX01

BHR242

Photo : BHR242 & DX01  
Dust extracting system set (DX01) is option  
Tool does not come with Bit.

Makita Corporation

3-11-8 Sumiyoshi-cho, Anjo, Aichi, 446-8502 Japan

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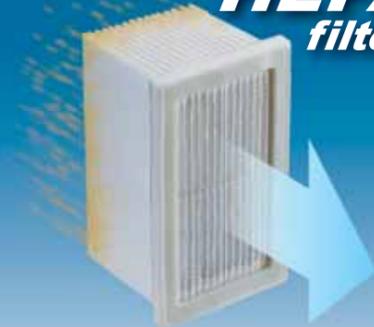


# CLEAN

## Dust Extraction System

This system is designed to collect dust effectively with the on-off operation of the tool's on-off trigger switch interlocked with this system.

### HEPA filter



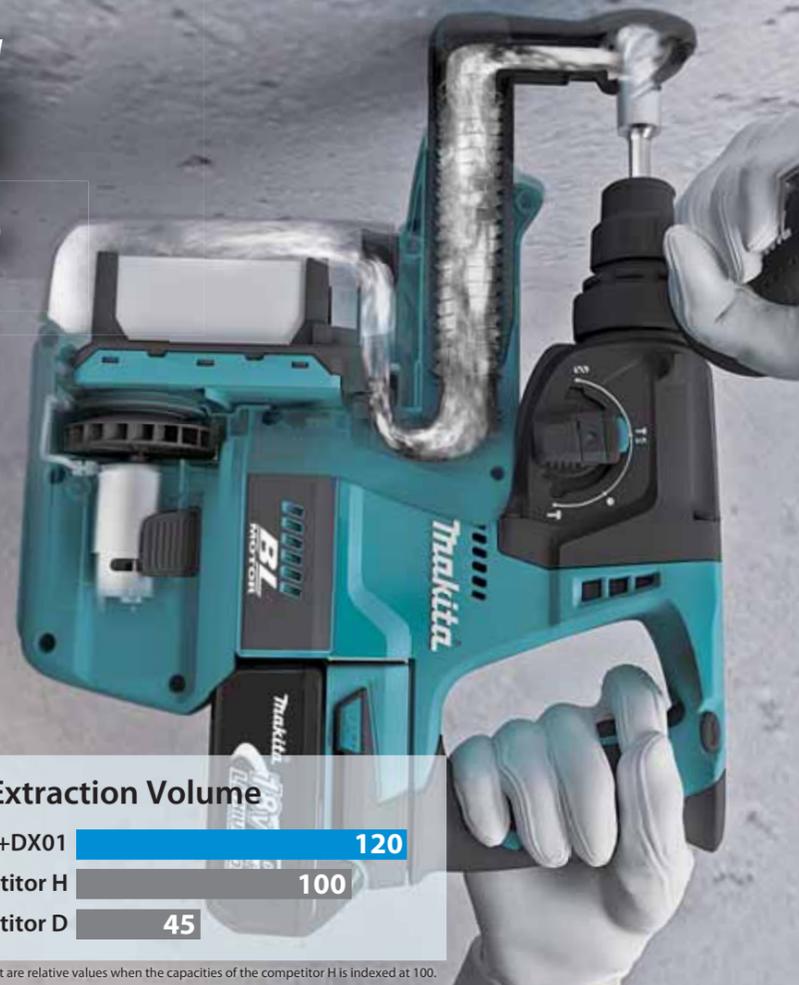
#### HEPA Filter

High Efficiency Particulate Air filter is widely regarded as ultimate filter that traps all sizes of particles with an efficiency rating of 99.75%.

#### Dust Extraction Volume



Numbers in the chart are relative values when the capacities of the competitor H is indexed at 100.



#### Brushless DC motor

- :: Maintenance-free due to no brush
- :: Energy production is more efficient than brushed DC motor because of no friction loss caused by brushes, enabling to lower amperage for reduced heat production and increased work amount on a single full battery charge.

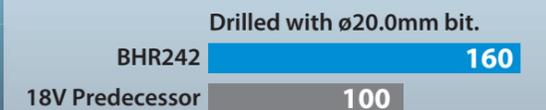
#### More work amount on a single full battery charge

- :: Thanks to the very efficient energy production of BLDC motor, work amount on a single full battery charge is increased.
- :: Life time work amount of a battery is increased, reducing the battery cost.

#### Durable against long continuous operation

- :: Use of BLDC motor lowers heat production; the temperature rise at housing surface can be reduced well even in hard industrial applications requiring continuous long operation.

#### Work volume (on a single full battery charge)



Numbers in the chart are relative values when the capacities of the 18V predecessor model is indexed at 100.  
Test conditions: Drilled holes to a depth of 60mm (2-3/8")  
Test material: Concrete with compressive strength of 40N/mm<sup>2</sup>

# MORE WORK

High performance with Brushless DC Motor



#### Dust Box

Large dust box cover can be opened simply by pushing a single push button for easy dust cleaning.



#### Dust Extraction Inlet

adjustable according to bit length simply by pushing a single push button

#### Dust Extraction System (Option)

DX01 (for BHR242) / DX02 (for BHR243)



Depth gauge adjustable for desired drilling depth

Transparent dust box for easy checking of collected dust amount

Large capacity dust box can contain more than the total amount of dust to be produced through operation on a single full battery charge.

Built-in DC motor is for exclusive use of Dust extraction system, and accordingly does not affect the drilling performance.

One-touch easy attachment/removal from the machine

Test conditions: Drilled holes to a depth of 60mm (2-3/8"), Test material: Concrete with compressive strength of 40N/mm<sup>2</sup>  
Dust extracted amount\*1 at horizontal drilling with ø10.5mm bit until the time required to clean the dust box\*2  
\*1: The difference of Dust extracted amount between Horizontal drilling and Vertical drilling that depend to a great extent on the design of the dust box and the filter position of the tool.  
\*2: "The time required to clean the dust box" is the condition that Dust extraction rate is fell to 80% or below and the dust extraction power actually drops down.

# POWERFUL

Superior in drilling performance to the 24v hammer

#### Work speed



Numbers in the chart are relative values when the capacities of the 24V predecessor model is indexed at 100.  
Test conditions: Drilled holes to a depth of 60mm (2-3/8")  
Test material: Concrete with compressive strength of 40N/mm<sup>2</sup>

