

**Makita**

# 18V Mobile Brushless 17mm Rotary Hammer

DHR171



**SUB-COMPACT**  
**BRUSHLESS**

**Makita**<sup>®</sup>

**SUB-COMPACT**  
**BRUSHLESS**  
**Ultra compact & Lightweight**

Experience a new class in cordless with 18V LXT Sub-Compact Brushless tool. Sub-Compact tools are the most compact and lightest weight in the 18V category, so users get 12V Max handling with the compatibility of the world's largest 18V system.



# Product Objectives

- Designed to suit the needs of electricians, plumbers and all tradespeople ideal for drilling holes in masonry up to 17mm
- Develop a mobile rotary hammer that is compact and lightweight comfortable in overhead and single handed applications



# Product Overview

One touch sliding chuck

Vibration absorbing housing

Two mode

Compact design

LED Joblight



# Product Specification Sheet



Max. drilling capacities in wood	13mm
Max. drilling capacities in steel	10mm
Max. drilling capacities in masonry	17mm
Impact energy	1.2j
No load speed	0-680rpm
Impact rate	0-4,800ipm
Vibration	9.0m/s <sup>2</sup>
Overall length	273mm
Skin weight	2.2kg
Weight (with battery)	2.8kg
Voltage	18V

- **One touch sliding chuck** – SDS plus bit can be installed by simply pressing the bit down into the chuck without the need to slide the collar
- **Two modes** – rotation only for drilling into timber and steel and rotation plus hammering for masonry drilling
- **LED joblight** – with pre glow and after glow function. Light turns on when the trigger is pulled before the motor starts turning and stay on for 10 seconds after trigger release
- **Vibration absorbing housing** – handle and body move independently from the hammer increasing operator comfort
- **Compact design** – compact design decreases the overall length to 273mm significantly reduced from 328mm on the 24mm rotary hammer DHR242
- **BL Brushless Motor** – efficient energy production enabling lower heat production and increased work on a single charge

# Advantages

## Power



Highly efficient compact brushless motor for extended runtimes

## Comfort



Vibration absorbing handle moves independently of the hammer

## Control



One touch sliding chuck for quick and easy bit installation

## Versatility










2 mode operation  
Rotation and rotation with hammer

# Our Range

	HR166D	DHR165	DHR171	DHR202	DHR242 / DHR243	DHR263 / DHR264
						
Max. drilling capacities in masonry	16mm	16mm	17mm	20mm	24mm	26mm
Max. drilling capacities in wood	13mm	24mm	13mm	26mm	27mm	32mm
Max. drilling capacities in steel	10mm	13mm	10mm	13mm	13mm	13mm
Impact energy	1.1j	1.3j	1.2j	1.9j	2.0j	2.5j
No load speed	0-680rpm	0 - 1,600rpm	0-680rpm	0 - 1,100rpm	0 - 950rpm	0 - 1,250rpm
Impact rate	0-4,800ipm	0 - 5,300ipm	0-4,800ipm	0 - 4,000ipm	0 - 4,700ipm	0 - 5,000ipm
Vibration	7.5m/s <sup>2</sup>	12.0m/s <sup>2</sup>	9.0m/s <sup>2</sup>	14.5m/s <sup>2</sup>	13.5m/s <sup>2</sup>	15.5m/s <sup>2</sup>
Overall length	250mm	297mm	273mm	358mm	328mm	374mm
Skin weight	1.6kg	1.9kg	2.2kg	2.6kg	2.7kg	4.1kg
Weight (with battery)	2.0kg	2.5kg	2.8kg	3.2kg	3.3kg	4.7kg
Voltage	12V MAX	18V	18V	18V	18V	36V (18V x2)

# Accessories

Standard Accessories		
	158057-6	Side grip
	415486-9	Depth gauge

Optional accessories		
	198362-9	Dust Extraction Cup Set
	Nemesis SDS Plus 5mm to 16mm	Refer to pages 162 to 164 Acc Cat 2015 / 16
	V-Plus SDS Plus 4mm to 16mm	Refer to pages 157 to 160 Acc Cat 2015 / 16
	Standard SDS Plus 3.5mm to 16mm	Refer to pages 152 to 153 Acc Cat 2015 / 16
	194683-7	Bit grease