

**BL  
MOTOR**

Ergonomically designed handle with soft grip

Compatible with the following Makita 18V Li-ion batteries



Tool hanger



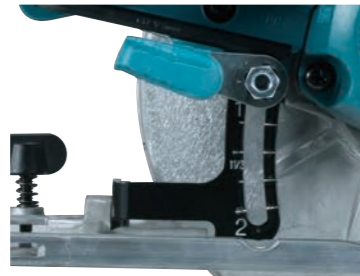
Optional dust nozzle

Rear dust exhaust port

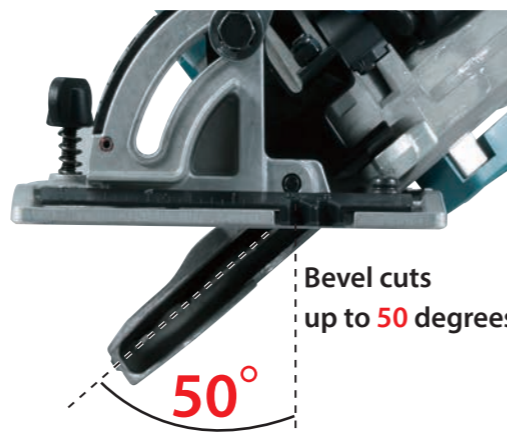
LED indicator panel for 3 indications



**Twin LED Job light**  
• brightly illuminates the blade and cut line for easy cutting of workpiece in the dark place.  
• with pre-glow function



**Large lock-off lever**  
easy-to-operate even with gloved hand



Bevel cuts up to 50 degrees

Charger

DC18RC  
Charging time (3.0Ah)  
1 to 2 batteries : 60minutes  
3 to 4 batteries : 120minutes

Charging time (3.0Ah)  
22minutes

DC18SF  
Charging time (3.0Ah)  
1 to 2 batteries : 60minutes  
3 to 4 batteries : 120minutes

DC18SD  
Charging time (3.0Ah)  
60minutes

DC18SE (Automotive)  
Charging time (3.0Ah)  
60minutes

Cordless Circular Saw DHS680 165mm (6-1/2")	
Brake	<b>Max cutting capacity</b> at 0 degrees : 57mm (2-1/4") at 45 degrees : 41mm (1-5/8") at 50 degrees : 37mm (1-7/16")
Dust Collecting	<b>Blade diameter</b> 165mm (6-1/2")
Built-in Job Light	<b>No load speed (rpm)</b> 5,000
Carrying Case	<b>Dimensions (L x W x H)</b> BL1850 : 350x170x238mm (13-3/4"x6-11/16"x9-3/8") BL1815N : 336x170x238mm (13-1/4"x6-11/16"x9-3/8")
Soft Start	<b>Net weight</b> BL1850 : 3.3kg (7.3lbs) BL1815N : 3.1kg (6.8lbs)
<i>Standard Equipment</i> : Fast Charger, Battery Cartridge, TCT Saw Blade, Hex Wrench, Rip Fence	
<i>Optional</i> : Dust Nozzle	
<b>ALSO AVAILABLE AS SKIN ONLY DHS680Z</b>	

weight according to EPTA-Procedure 01/2003

Items of standard equipment and specifications may vary by country or area.

Visit our website for information and tool features :  
[www.makita.co.nz](http://www.makita.co.nz)

**Makita**

Makita New Zealand Ltd.  
15 Orbit Drive, Mairangi Bay  
PO Box 100 914, North Shore,  
Auckland 0745  
Fax 0800 600 601 Sales 09 4798251

**Makita**

Cordless Circular Saw  
DHS680

Satisfy Professional's Needs

18V  
LITHIUM-ION



3  
YEAR  
WARRANTY

High-efficiency Brushless motor provides higher power and more work amount.



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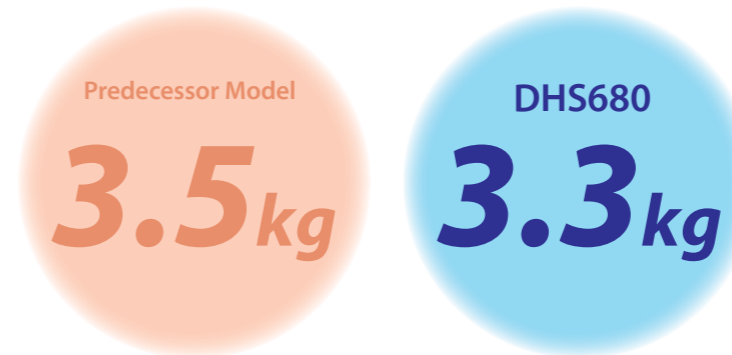
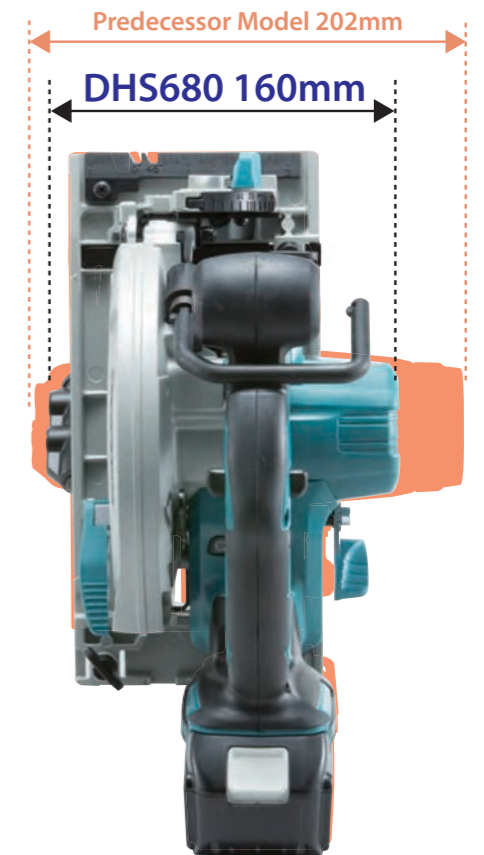
# High Power Cutting



## Compact and lightweight design

achieved by:

- Downsized motor and better placement of parts
- Using durable but light magnesium die-cast for Base, Blade case and Safety cover.



### Optional dust nozzle



### Optional dust nozzle

can be attached for use with a vacuum cleaner. (For European countries, this dust nozzle is supplied as a standard equipment.)

## Automatic speed control

automatically changes the cutting speed according to load condition for an optimum operation:

- On light duty: high-speed rotation mode
- On heavy duty: high torque mode
- 1 solid green LED: high torque mode



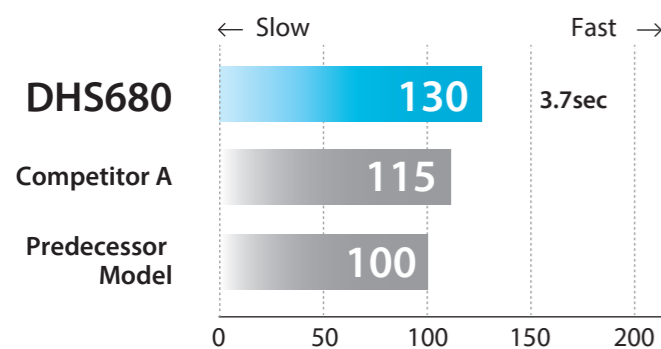
## Comparison of Efficiency

Test conditions :

Test material: SPF of 2 x 10 (38mm x 235mm)

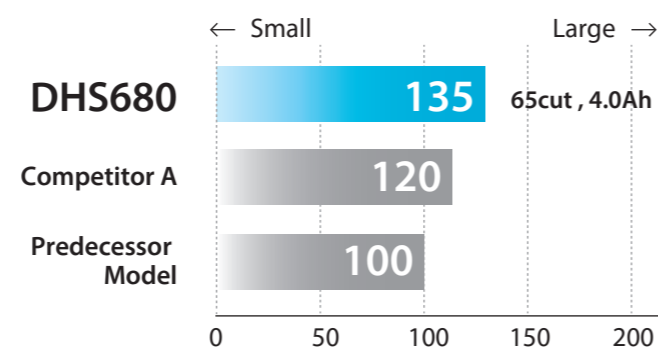
Bevel angle: 0°

### Cutting Speed



### Work amount

(on a single full battery charge)



Note:

1. The test results depend to a great extent on the hardness of materials, etc.
2. The numbers in the charts are relative values when the capacities of the predecessor model are indexed at 100.

## LED indicator panel for 3 indications

(1) Battery fuel gauge (active after the switch trigger has been released)

The power remaining in the battery can be indicated in 3 stages:

- 3 solid red LEDs : more than 50% of full battery capacity
- 2 solid red LEDs : 20% to 50% of full battery capacity
- 1 solid red LED : less than 20% of full battery capacity



(2) Indication of Automatic speed control (active during operation)

- All LEDs off: high-speed rotation mode
- 1 solid green LED: high torque mode



(3) Indication of Overload All LEDs start linking when Overload protection has been activated to stop the motor.



### Tool hanger



### Guide rail (Option)

