

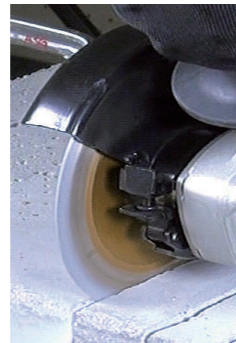
# Easy-to-operate Paddle Switch & Kick-back Detection

## DGA405 / DGA455 / DGA505



### Paddle switch

ergonomically designed to provide easy on/off switching by the hand gripping motor housing, allowing for comfortable, continuous operation equipped a lock-off button to prevent accidental start.



### Kick-Back Detection

shuts down the tool, if the rotation speed suddenly slows down (e.g., kick-back).

### Accessory

Dust collecting wheel guard



Part No. 196845-3  
Part No. vary by country or area



Photo : DGA404



### Battery



- BL1850: 18V 5.0Ah
- BL1840: 18V 4.0Ah
- BL1830: 18V 3.0Ah
- BL1820: 18V 2.0Ah
- BL1815N: 18V 1.5Ah

### Charger

#### DC18RC



Charging time (3.0Ah)  
22minutes

#### Two Port Multi Fast Charger DC18RD



#### Four Port Multi Charger 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 Angle Grinder

DGA404 100mm (4") / DGA454 115mm (4-1/2") / DGA504 125mm (5") / DGA405 100mm (4") / DGA455 115mm (4-1/2") / DGA505 125mm (5")

	Slide switch			Paddle switch		
	DGA404	DGA454	DGA504	DGA405	DGA455	DGA505
Wheel diameter	100mm (4")	115mm (4-1/2")	125mm (5")	100mm (4")	115mm (4-1/2")	125mm (5")
No load speed (rpm)	8,500	8,500	8,500	8,500	8,500	8,500
Dimensions (L x W x H)	362x117x140mm (14-1/4"x4-5/8"x5-1/2")	362x130x145mm (14-1/4"x5-1/8"x5-3/4")	362x140x145mm (14-1/4"x5-1/2"x5-3/4")	362x117x140mm (14-1/4"x4-5/8"x5-1/2")	362x130x145mm (14-1/4"x5-1/8"x5-3/4")	362x140x145mm (14-1/4"x5-1/2"x5-3/4")
Net weight	BL1830: 2.4kg (5.3lbs)	BL1830: 2.5kg (5.5lbs)	BL1830: 2.5kg (5.6lbs)	BL1830: 2.4kg (5.4lbs)	BL1830: 2.5kg (5.6lbs)	BL1830: 2.6kg (5.7lbs)

- Soft Start
- Carrying Case

Standard Equipment :  
Fast Charger, Battery Cartridge, Depressed Center Grinding Wheel, Lock Nut Wrench, Side Grip  
weight according to EPTA-Procedure 01/2003 Items of standard equipment and specifications may vary by country or area.

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### Cordless Angle Grinder

DGA404 / DGA454 / DGA504 Slide type switch  
DGA405 / DGA455 / DGA505 Paddle type switch  
100mm (4") / 115mm (4-1/2") / 125mm (5")

Satisfy Professional's Needs



Photo : DGA454

Slide switch  
DGA404 / DGA454 / DGA504

Excellent Performance  
as powerful as AC model

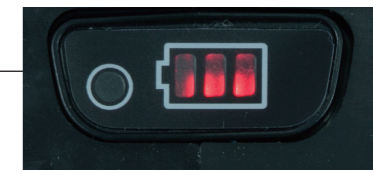
**BL**  
MOTOR  
BRUSHLESS

Paddle switch  
DGA405 / DGA455 / DGA505  
Kick-Back Detection

Photo : DGA455



**Slide switch**  
DGA404 / DGA454 / DGA504

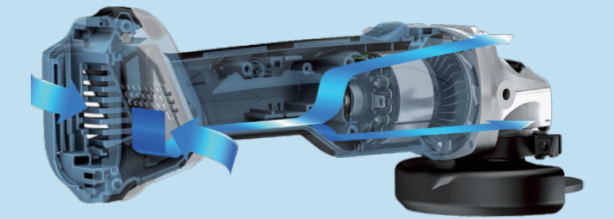


**Battery fuel gauge**  
Also warns that Anti-restart function and Current limiter have been activated.

**Anti-restart function**

prevents accidental startup for safety even if the machine is plugged to power source with the lock-on switch on.

**Handles heavy load with Excellent Cooling Function!**



**Protects component parts!  
Realizes Maximum Efficiency!**

**18V LITHIUM-ION**

Photo: DGA454

**BL MOTOR**

**XPT**  
EXTREME PROTECTION TECHNOLOGY  
For use in outdoor applications or harsh environments, protection from dust and dripping water is enhanced.

**Soft start**

The standard equipment for the tool may vary by country.

**Removable Dust Cover**

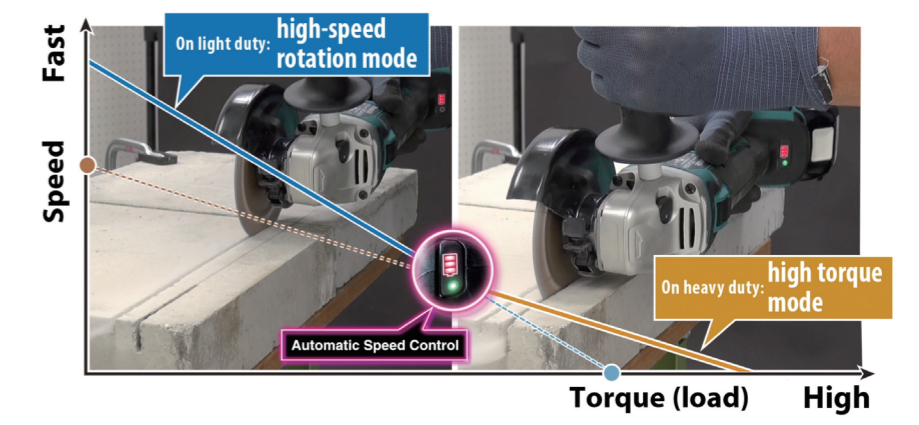
**Paddle switch**  
DGA405 / DGA455 / DGA505

**Kick-Back Detection**  
shuts down the tool, if the rotation speed suddenly slows down (e.g., kick-back).

Photo: DGA455

**The First in the Industry!  
Equipped with Automatic Speed Control!**

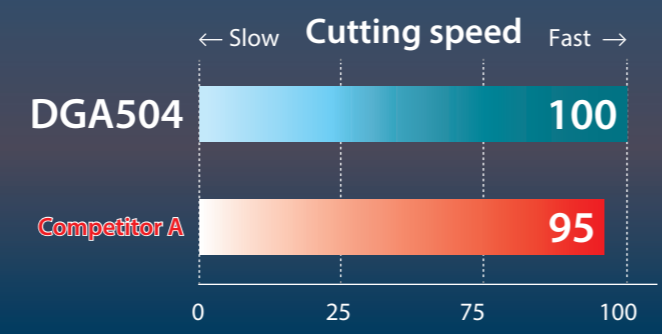
Automatically changes the cutting speed according to load condition for an optimum operation  
The above rank is within 14.4V & 18V class of Cordless Angle Grinders, and is based on our research in July 2014.



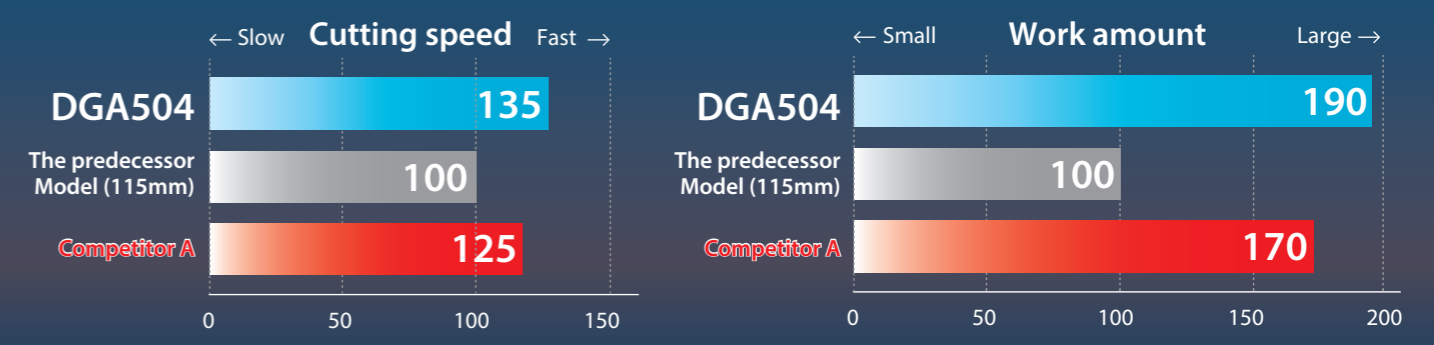
at depth of 20mm

**Efficiency of concrete cutting**

Test conditions: Cut concrete continuously at depths of 20mm, and measured the time required to cut across a 600mm wide.



Test conditions: Cut concrete continuously at depths of 10mm, and measured the time required to cut across a 600mm wide.



Note: 1. The test results depend to a great extent on the hardness of materials, etc.  
2. The numbers in the bar graphs are relative values when the capacity of Makita 115mm predecessor model is indexed at 100. When it is impossible to measure the result, the best performing model is indexed at 100 instead.