

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

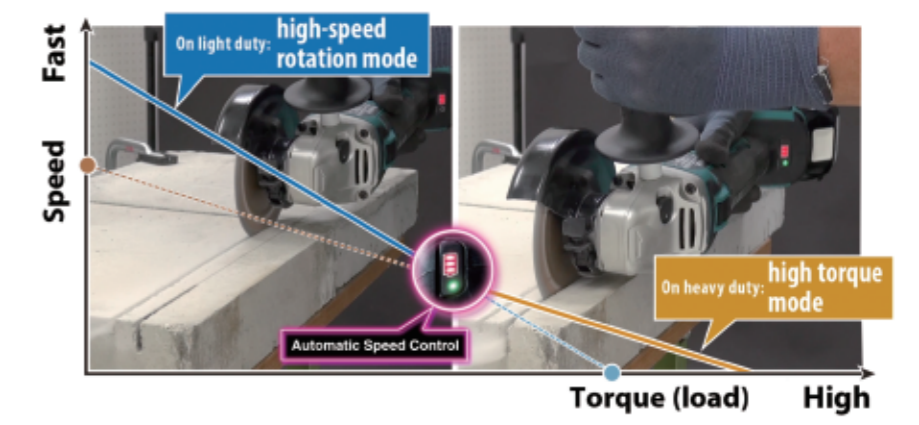
Paddle switch
DGA405 / DGA455 / DGA505

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!**

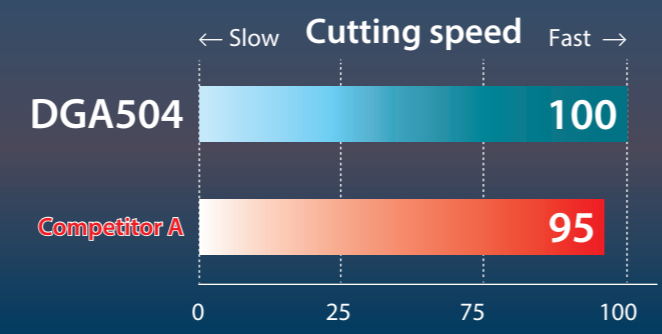
Automatically changes the cutting speed according to load condition for an optimum operation
The above rank is within 14.4V & 18V class of Cordless Angle Grinders, and is based on our research in July 2014.



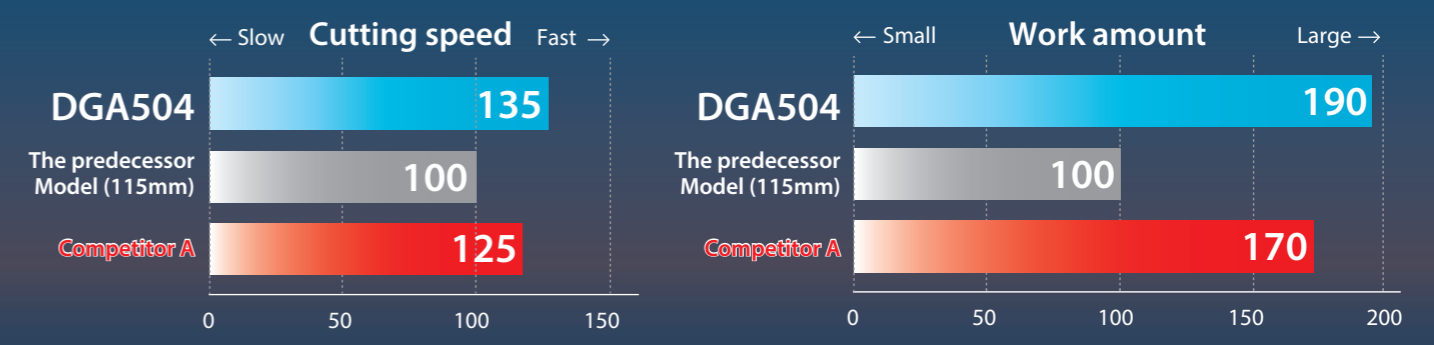
at depth of 20mm

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.