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18V Brushless 125mm (5'') Angle Grinders

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Product Objectives

- To provide an 18V Brushless grinder designed to suit the needs of various trades such as fabricators, engineers, welders, stone masons and more
- To develop a powerful 18V Brushless grinder with improved safety features such as kickback detection, anti-restart and soft start

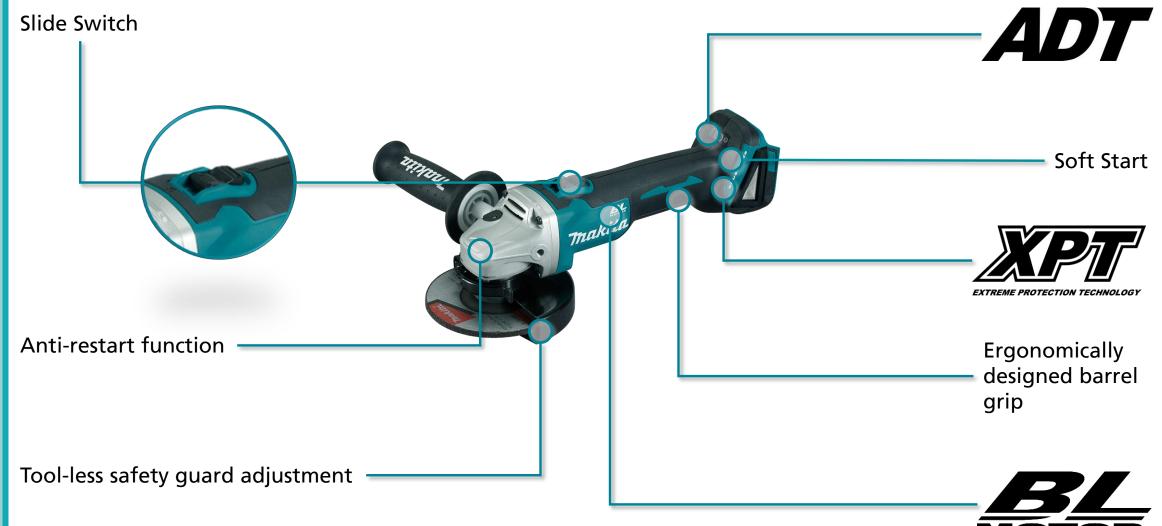






Product Overview

DGA504 – 18V Brushless 125mm (5") Slide Switch Angle Grinder



Product Specification Sheet

DGA504 – 18V Brushless 125mm (5") Slide Switch Angle Grinder

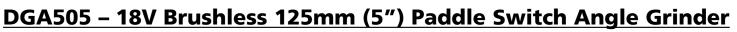


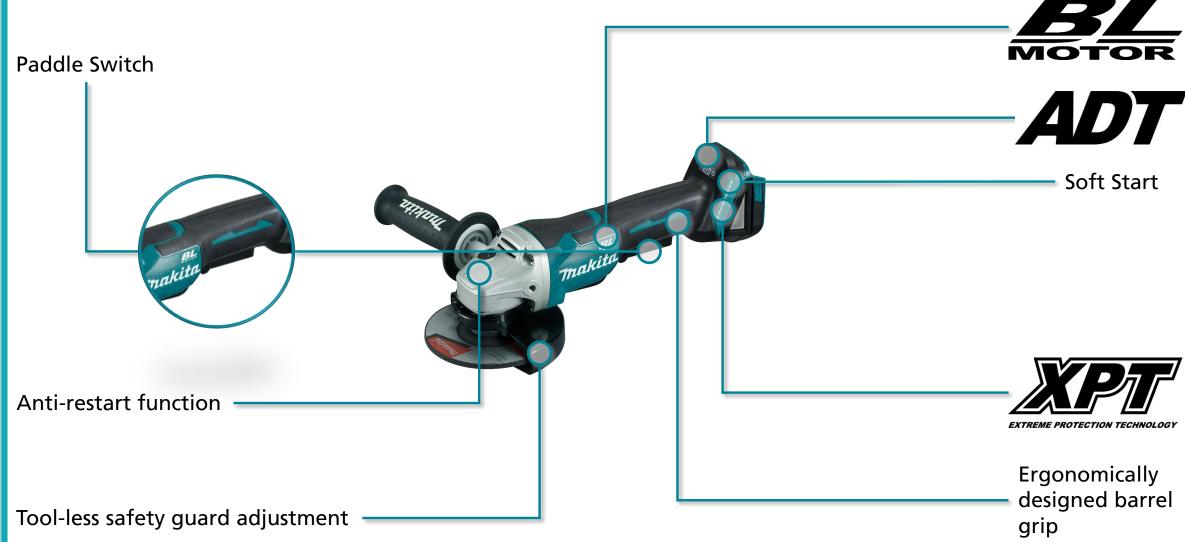
Wheel diameter	125mm (5")			
No load speed	8,500rpm			
Overall length	362mm			
Skin weight	2.0kg			
Weight (with battery)	2.6kg			
Voltage	18V			

- Slide Switch slide switch with lock on
- Anti-restart tool will not start if switch is engaged when a battery is installed. Switch must first return to the off position
- **Tool-less safety guard adjustment** easily enabling the user to swift adjust the location of the safety guard without the need for tools
- Automatic Torque Drive automatically adjusts speed and torque during operation for optimum performance
- **Soft start** slowly increases speed to full rpm for safe and smooth operation
- **XPT eXtreme Protection Technology** for use in outdoor applications or harsh environments, protection from dust and moisture is enhanced
- Ergonomically Designed Barrel Grip easy to grip design with rubber for anti-skid and increased control when operating
- **BL Brushless Motor** efficient energy production enabling lower heat production and increased work on a single charge



Product Overview





Product Specification Sheet

DGA505 – 18V Brushless 125mm (5") Paddle Switch Angle Grinder



Wheel diameter	125mm (5")			
No load speed	8,500rpm			
Overall length	362mm			
Skin weight	2.0kg			
Weight (with battery)	2.6kg			
Voltage	18V			

- Paddle Switch large ergonomic paddle switch which shuts down the tool immediately after being released
- **Anti-restart** tool will not start if switch is engaged when a battery is installed. Switch must first return to the off position
- Tool-less safety guard adjustment easily enabling the user to swift adjust the location of the safety guard without the need for tools
- Automatic Torque Drive automatically adjusts speed and torque during operation for optimum performance
- **BL Brushless Motor** efficient energy production enabling lower heat production and increased work on a single charge
- **Soft start** slowly increases speed to full rpm for safe and smooth operation
- Ergonomically Designed Barrel Grip easy to grip design with rubber for anti-skid and increased control when operating
- **XPT eXtreme Protection Technology** for use in outdoor applications or harsh environments, protection from dust and moisture is enhanced

Advantages

Power



Brushless Motor delivers higher power and rpm with more efficient use of energy

Innovation



Automatic torque drive increases torque to power though tough cuts

Control



Ergonomically designed barrel grip to increase control and maneuverability

Safety



Soft start and Anti-restart

125mm (5") Grinder Features

	DGA504	DGA505	DGA506	DGA508	DGA511	DGA512	DGA517	DGA518
Switch type	Slide	Paddle	Slide	Paddle	Slide	Slide	Paddle	Paddle
Anti-restart	\checkmark							
Soft start	\checkmark							
Automatic torque drive	\checkmark							
Anti-kickback	\checkmark							
Electric brake	×	×	\checkmark	\checkmark	\times	×	\checkmark	\checkmark
Variable speed	X	X	X	X	\checkmark	\checkmark	\checkmark	\checkmark
AWS	×	\times	×	×	×	\checkmark	\times	\checkmark

SOur Range

	DGA452	DGA504	DGA505	DGA506	DGA508	DGA511	DGA512	DGA517	DGA518	DGA700	DGA900
		BRUSHLESS	BRUSHLESS	BRUSHLESS	BRUSHLESS	RDIISHI ESS	BRUSHLESS	RRIJSHI ESS	BRUSHLESS	BRUSHLESS	BRUSHLESS
Wheel diameter	115mm (4- 1/2")	125mm (5")							125mm (5")	180mm (7")	230mm (9")
No load speed	10,000rpm	8,500rpm	8,500rpm	8,500rpm	8,500rpm	3,000 - 8,500rpm	3,000 - 8,500rpm	3,000 - 8,500rpm	3,000 - 8,500rpm	7,800rpm	6,000rpm
Overall length	317mm	362mm	362mm	362mm	362mm	382mm	382mm	382mm	382mm	499mm	499mm
Switch Type	Slide	Slide	Paddle	Slide	Paddle	Slide	Paddle	Paddle	Paddle	Paddle	Paddle
Skin weight	1.3kg	2.0kg	2.0kg	2.0kg	2.0kg	2.5kg	2.5kg	2.5kg	2.5kg	4.6kg	4.8kg
Weight (with battery)	1.9kg	2.6kg	2.6kg	2.6kg	2.6kg	3.1kg	3.1kg	3.1kg	3.1kg	6.0kg	6.2kg
Voltage	18V	18V	18V	18V	18V	18V	18V	18V	18V	36V (18Vx2)	36V (18Vx2)

Accessories

Standard Accessorie	25		Optional accessorie	S			
	A-80656	125mm Inox Grinding wheel		B-22171-20 B-22187-20	Flexible Grinding Wheels – Metal 125 x 3 x 22.23 AC36 (20PK) 125 x 3 x 22.23 AC46 (20PK)		
- Thakita	158237-4	Side grip	12-521 TERMINE TERM	B-22193-20 B-22202-20	125 x 3 x 22.23 AC40 (20FK) 125 x 3 x 22.23 AC60 (20PK) 125 x 3 x 22.23 AC80 (20PK)		
	782423-1	Lock nut wrench		B-22414-20		B-22420-20 x 3 x 22.23 WA46 (20PK	
Ó	224554-1	Lock nut		B-22442-20	22.23 WA80 (20PK)		
0	224314-5	Flange	A service of the serv	D-20482-10 D-20373-5	Masonry – Cutting and Grinding 125 x 3 x 22.23 (10PK) 125 x 6 x 22.23 (5PK)		
	135108-2	Tool-less wheel guard			Ultra Thin Diamond Blade – Porcelain		
Optional accessorie	Optional accessories		and a state of the	B-46333	125 x 1.4 x 22.23		
Image: Participation Image: Partitipation Image: Partitipati	B-35449-10 D-20432-10 B-38489-40 D-20323-5	Metal – Cutting and Grinding 125 x 1.6 x 22.23 (10PK) 125 x 2.5 x 22.23 (10PK) 125 x 3.2 x 22.23 (40PK) 125 x 6 x 22.23 (5PK)		122688-7	125mm Wheel guard for cutting discs		
	B-46981-10 B-18150-10 D- 20535-12 B-27121-5	Inox – Cutting and Grinding 125 x 0.8 x 22.23 (10PK) 125 x 1 x 22.23 (10PK) 125 x 1.2 x 22.23 (12PK) 125 x 6 x 22.23 (5PK)		196845-3	125mm Dust collecting wheel guard		