

Makita[®]

125mm / 150mm Angle Grinders

GA5010, GA6010 **Basic**
GA5020, GA6020 **SJS**

Photo: GA5010

GA5020C, GA6020C **SJS + Electronic Control**

Photo: GA5020C

GA5021C, GA6021C **SJS + Electronic Control + Large type Trigger**

GA5021, GA6021 **SJS + Large type Trigger**

GA5011, GA6011 **Large type Trigger**

Photo: GA5021C

Handy Slim Grinders

Lightweight

GA5010: 2.2kg

GA5021C: 2.5kg

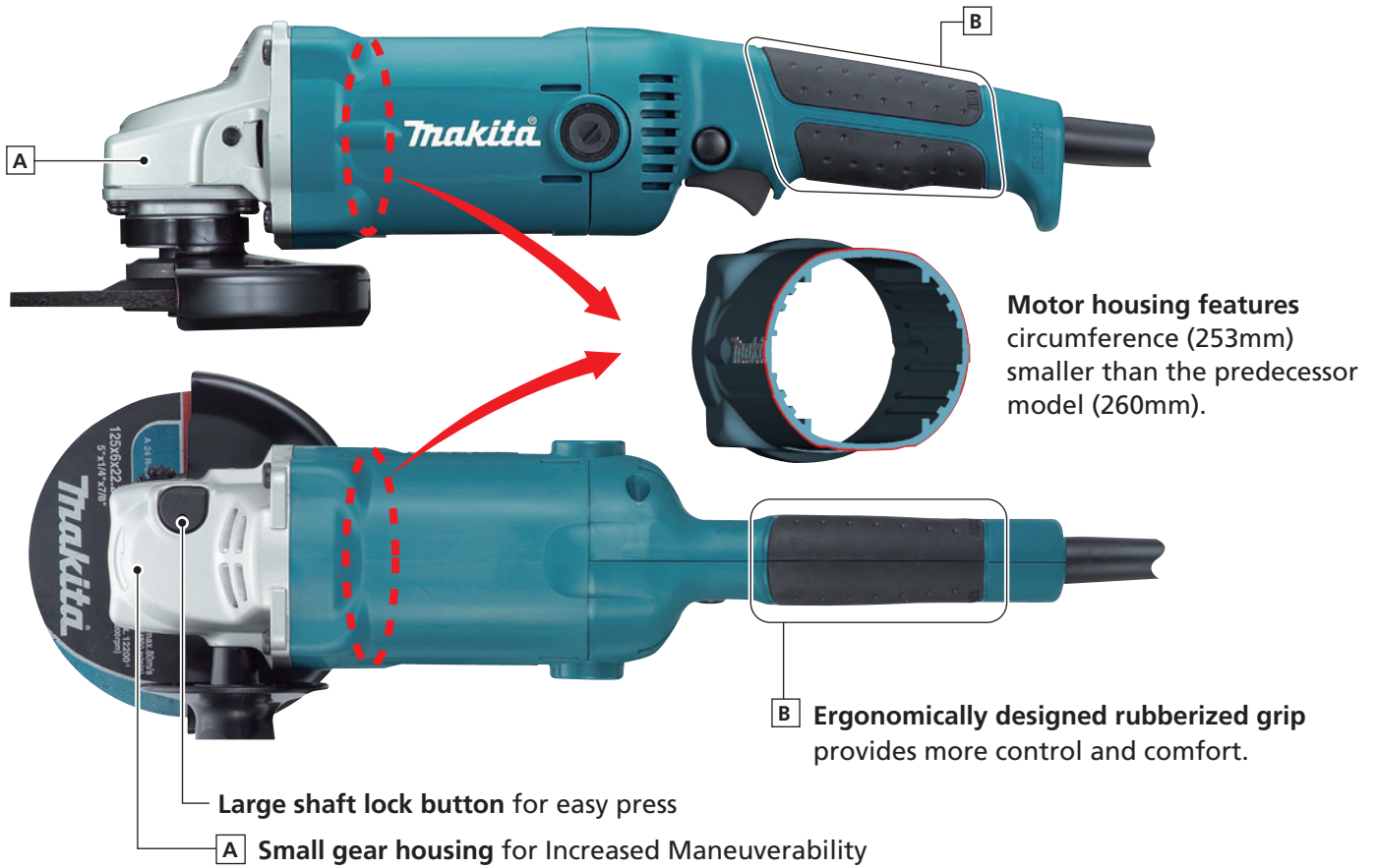
125mm/150mm

Angle Grinders

Comparison of Features and Specifications

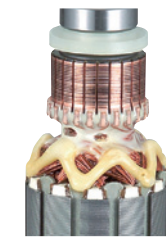
For Model size	125mm	GA5010	GA5011	GA5020	GA5021	GA5020C	GA5021C
	150mm	GA6010	GA6011	GA6020	GA6021	GA6020C	GA6021C
No load speed (rpm)		11,000/ 10,000	11,000/ 10,000	11,000/ 10,000	11,000/ 10,000	10,000/ 9,000	10,000/ 9,000
Continuous rating input (w)		1,050	1,050	1,050	1,050	1,450	1,450
SJS-Super Joint System		-	-	●	●	●	●
Trigger type		Single-finger	Large	Single-finger	Large	Single-finger	Large
Electronic control		-	-	-	-	●	●
Toolless wheel cover		-	-	-	-	●	●

Slim and Compact Motor Housing

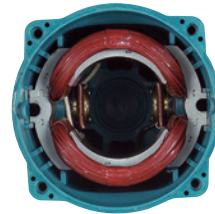


High Dust-Proof Construction

- Protective zigzag varnishing on armature
- Protective powder varnish-coating on field
- Bearing-protective labyrinth structure
- Three dust-proof ball bearings seal out dust.
- Dust-proof vent design



Zigzag varnishing



Powder varnishment



A Labyrinth structure
B Dust-proof ball bearing

Electronic Control

GA5020C, GA5021C,
GA6020C, GA6021C

Anti-restart function

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

LED power light



Solid Green indicates that current is applied to the circuit.



Blinking Red warns that Anti-Restart Function is activated.

- **Constant speed control**
- **Electronic current limiter** protects motor from overload.
- **Soft start** suppresses start-up reaction.
- **High power input : 1,450w**
Electronic control enables higher power input.

Super Joint System



GA5020, GA5021, GA5020C, GA5021C
GA6020, GA6021, GA6020C, GA6021C



Lock Spring that joins Spindle and Sprial Bevel Gear protects the gears by absorbing shock caused accidental wheel lock during operation, ensuring longer tool life.

Two Trigger Types Available



Single-finger trigger

GA5010, GA5020, GA5020C
GA6010, GA6020, GA6020C



Large type trigger

GA5011, GA5021, GA5021C
GA6011, GA6021, GA6021C

Accessories

Side grip & loop handle



Type	Part No.
Stick	153504-2
Anti Vibration Grip	194514-0
Loop Handle	194483-5

Dust cover attachment set



For Model	Part No.
GA5010, GA5020, GA6010 GA6020, GA5020C, GA6020C	194482-7
GA5011, GA5021, GA6011 GA6021, GA5021C, GA6021C	193956-5

Wheel cover



Type	Part No.
125mm	125419-3
125mm Tool less	135108-2
150mm	135169-2
150mm Tool less	135110-5

Wheel cover for cut-off wheel and brush cover for wire cup brush



Type	Part No.
for cut-off wheel	122641-3
for 150mm cut-off wheel	165486-6
for wire cup brush	193066-8

Dust collecting wheel guard for 125mm Models (For dust collection)

*Economy type



Type	Part No.
A	192618-2
B (W/O Joint)	192972-4
B (W/ Joint)	192968-5
B (W/ Joint)	*193794-5

Rubber pad and sanding lock nut (For abrasive disc)



Type	Part No.
Rubber pad 115mm	743015-1
Rubber pad 125mm	743016-9
Sanding lock nut M14 x 2 (DIN)	224515-5
Sanding lock nut 5/8"	224517-1
Sanding lock nut M16 x 2	224523-6

Angle Grinder

Basic



SJS



SJS + Electronic Control



125mm (5") GA5010 / GA5020 / GA5011 / GA5021 303 [min] GA5020C / GA5021C 253 [min]

Double Insulation	Super Joint System (GA5020/C, GA5021/C)	Electric Brake (for North America)	Electronic Control (GA5020C, GA5021C)	Soft Start (GA5020C, GA5021C)
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	GA5010	GA5011	GA5020	GA5021	GA5020C / GA5021C
Continuous rating Input	1,050W	1,050W	1,050W	1,050W	1,450W
Capacity					
Depressed center wheel :	125mm (5")	125mm (5")	125mm (5")	125mm (5")	125mm (5")
Abrasive disc :	125mm (5")	125mm (5")	125mm (5")	125mm (5")	125mm (5")
Diamond wheel :	125mm (5")	125mm (5")	125mm (5")	125mm (5")	125mm (5")
No load speed	11,000rpm	11,000rpm	11,000rpm	11,000rpm	10,000rpm
Dimensions (L x W x H)	356 x 139 x 112mm (14" x 5-1/2" x 4-3/8")	390 x 139 x 112mm (15-3/8" x 5-1/2" x 4-3/8")	356 x 139 x 120mm (14" x 5-1/2" x 4-3/4")	390 x 139 x 120mm (15-3/8" x 5-1/2" x 4-3/4")	390 x 139 x 120mm (15-3/8" x 5-1/2" x 4-3/4")
Net weight	2.2kg (4.8lbs)	2.2kg (4.8lbs)	2.2kg (4.8lbs)	2.2kg (4.8lbs)	2.5kg (5.5lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)

Standard Equipment Depressed Center Wheel, Lock Nut Wrench, Side Grip

150mm (6") GA6010 / GA6020 / GA6011 / GA6021 303 [min] GA6020C / GA6021C 253 [min]

Double Insulation	Super Joint System (GA6020/C, GA6021/C)	Electric Brake (for North America)	Electronic Control (GA6020C, GA6021C)	Soft Start (GA6020C, GA6021C)
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	GA6010	GA6011	GA6020	GA6021	GA6020C / GA6021C
Continuous rating Input	1050W	1050W	1050W	1050W	1,450W
Capacity					
Depressed center wheel :	150mm (6")	150mm (6")	150mm (6")	150mm (6")	150mm (6")
Abrasive disc :	150mm (6")	150mm (6")	150mm (6")	150mm (6")	150mm (6")
Diamond wheel :	150mm (6")	150mm (6")	150mm (6")	150mm (6")	150mm (6")
No load speed	10,000rpm	10,000rpm	10,000rpm	10,000rpm	9,000rpm
Dimensions (L x W x H)	356 x 169 x 112mm (14" x 6-5/8" x 4-3/8")	390 x 169 x 112mm (15-3/8" x 6-5/8" x 4-3/8")	356 x 169 x 120mm (14" x 6-5/8" x 4-3/4")	390 x 169 x 120mm (15-3/8" x 6-5/8" x 4-3/4")	390 x 169 x 120mm (15-3/8" x 6-5/8" x 4-3/4")
Net weight	2.2kg (4.8lbs)	2.2kg (4.8lbs)	2.2kg (4.8lbs)	2.2kg (4.8lbs)	2.5kg (5.5lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)

Standard Equipment Depressed Center Wheel, Lock Nut Wrench, Side Grip

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

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