

AGP[®]



G125 Concrete Grinder

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Internal & Confidential

AGP TAIWAN

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Introduction

Target group & Applications

G125 Introduction

The G125 is purpose-built and designed for ideal concrete grinding performance while maintaining strict dust control. The variable constant speed function gives the tool excellent versatility. By using different types of diamond cup wheels, a vast array of different tasks can be done; from rough grinding and leveling, to stripping coatings, to surface preparation for applying coatings.

Target Group & Applications

- Renovation Contractors
- New Construction Contractors
- Tilers and Floor Installers
- Stonemasons
- Specialists



Sales Arguments



1 LED Indicator



4 Half-Moon Door



2 Spring Suspension



5 Variable Constant Speed



3 Ergonomic Front Handle



6 Special Waterproof Switch

1 LED Indicator

LED Indicator for optimizing grinding efficiency with overload and overheat warning.

2 Spring Suspension

Outstanding dust control is achieved with the dust skirt with brush and spring suspension

3 Ergonomic Front Handle

Adjustable ergonomic front handle allows clearance for edge grinding.

4 Half-Moon Door

Half-Moon Door for grinding up to the edge.

5 Variable Constant Speed

Speed can be adjusted to suit the task at hand. Once set, the speed is electronically stabilized to maintain the speed, regardless of load.

6 Special Waterproof Switch

Hall-Effect Switch is completely waterproof and dustproof. Includes anti-restart function.

Technical Specification

Model	G125
Power Input	230-240 V : 2000 W
	220 V : 1700 W
	110-120 V : 1500 W
Voltage, Frequency	220-240 V ~ 50-60 Hz
	110-120 V ~ 50-60 Hz
No Load Speed	4300 - 7200 min ⁻¹
Wheel Diameter	125 mm (5")
Spindle Thread	M14
Arbor	22.23 mm (7/8")
Dimensions	500 x 195 x 175 mm
Weight	4.7 kg (10.3 lb)

- ① Power Supply Cable
- ② Trigger Switch
- ③ Variable Speed Thumbwheel
- ④ Load Warning Lamp
- ⑤ Motor
- ⑥ Knob
- ⑦ Spindle Lock Button
- ⑧ Front Handle
- ⑨ Lock Button
- ⑩ Brush Cover
- ⑪ Dust Port
- ⑫ Dust Skirt
- ⑬ Tab
- ⑭ Half-Moon Door



Offer Content

Standard Accessories

- ① G125 Concrete Grinder
- ② Blow Molded Case
- ③ Lock Nut Wrench
- ④ Face Spanner Wrench



①



②



③



④

Comparison Table

Brand



125 mm
Angle Style Concrete
Grinders



Model	G125	RENOFIX RG 130 E	RSEV 19-125 RT	LD 18-7 125 R	PC5000C	GBR 15 CAG	EBS 120.1	G 12 SE 2 + SHROUD
Power Input (230 V)	2000 W	1600 W	1900 W	1800 W	1400 W	1500 W	1400 W	1200 W
No Load (Rated Load) Speed	(4 300 - 7 200) min ⁻¹	(3 000 - 7 700) min ⁻¹	(3 800 - 8 200) min ⁻¹	(7 000) min ⁻¹	(10 000) min ⁻¹	(9 300) min ⁻¹	9 000 min ⁻¹ (5 850 min ⁻¹)*	11 000 min ⁻¹ (7 150 min ⁻¹)*
Wheel Ø	125 mm	130 mm	125 mm	125 mm	125 mm	125 mm	125 mm	125 mm
Spindle	M14	M14	M14	M14	M14	M14	M14	M14
Weight	4.7 kg	3.8 kg	3.5 kg	4.2 kg	4.0 kg	2.6 kg	3.5 kg	3.4 kg
Constant Speed	YES	YES	YES	YES	YES	YES	NO	NO
Load Warning LED	YES	NO	NO	NO	NO	NO	NO	NO
Variable Speed	YES	YES	YES	NO	NO	NO	NO	NO
Insulation Class	Class II	Class II	Class II	Class II	Class II	Class II	Class II	Class II
Anti-Restart	YES	YES	YES	YES	YES	YES	YES	YES
Dustproof Hall-Effect Switch	YES	NO	NO	NO	NO	NO	NO	NO
Overload Protection	YES	YES	YES	YES	YES	YES	YES	YES
Thermal Protection	YES	YES	YES	YES	YES	YES	YES	YES
Soft Start	YES	YES	YES	YES	YES	YES	YES	YES
Edge Cut-Out	YES	YES	YES	YES	YES	YES	YES	YES
Spring Suspension Skirt	YES (protected from dust)	YES (but mechanism on brush ring, in the dust)	YES (but mechanism on brush ring, in the dust)	NO (adjustable skirt height)	NO	NO	NO	NO
Adjustable Handle	YES	YES	YES	YES	NO	NO	NO	NO

The **AGP** has the best power of all the tools here. The bigger motor makes the tool weigh slightly more, but it is a worthwhile tradeoff for the best performance of all the tools in this comparison for heavy, rough grinding. (The Makita, Bosch and Eibenstock are more suited to fine grinding and thus have higher RPM and lower power.)

Conclusion

The **AGP** is the only tool with a dustproof hall-effect switch and a very useful LED load warning lamp so that the operator can easily keep the tool working at its maximum performance. The **AGP** has a unique dust skirt spring suspension system which is protected from dust. The others either have no suspension, or a suspension mechanism on the brush ring itself, which is vulnerable to dust, which can jam the mechanism. The **AGP** has all the features needed for heavy grinding, therefore, the **AGP** is the best tool in this list.

Tool Dimensions (mm)

