



CG150 Wall Chaser

May. 2024

Internal & Confidential

AGP | CG150 Wall Chaser

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Introduction

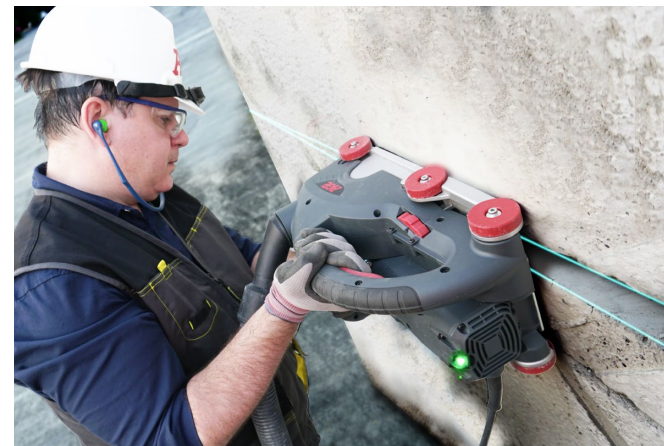
Target group & Applications

CG150 Introduction

The CG150 was specially designed for maximum dust control with and an emphasis on heavy-duty applications, such as chasing in reinforced concrete. It's a powerful 2500 W machine with a maximum cutting depth of 50 mm and cutting width up to 45 mm. It can also run 5 blades for bridgeless chasing in one step, with virtually no chiseling required afterwards. The six multi-location wheels allow constant support over irregular surfaces. A sighting laser and tool-free blade changes add to the tool's convenience of use. It features an optional efficient guide rail system for high precision requirements.

Target Group & Applications

The CG150 is tailor made for electricians, plumbers, and other construction professionals who need to chase in reinforced concrete at a maximum of 50mm depth of cut. The powerful motor and an excellent dust-free cutting operation makes CG150 an excellent tool for cutting residential and commercial building materials, such as reinforced concrete and brick.



Sales Arguments



1 Grip Handle

Main Handle and Extra Long Trigger allow comfort and control in many positions



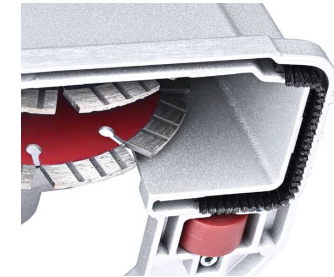
2 Hall Effect Type Switch

Hall Effect Type Switch is completely dustproof



3 Depth Adjuster

Depth Adjuster with markings for accurate and repeatable control of slot depth



4 Brush

Dust Containment Design



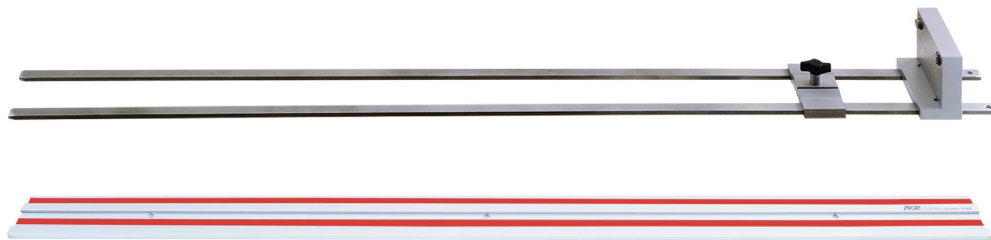
5 Sighting Notches

Sighting Notches for precise cutting



6 Rotatable Dust Outlet

Rotatable Dust Outlet for maximum flexibility and convenience

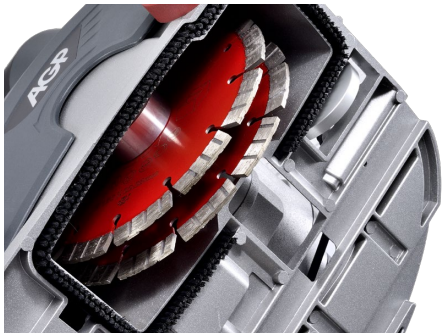


Guide Rail System (optional)
For maximum precision cutting

Sales Arguments



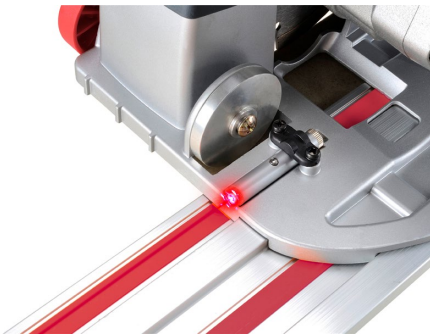
- **LED Indicator**
- LED Indicator enables operator to maximize cutting efficiency
- Glows green: normal load
 - Flash red: full load reached
 - Glows red: overload or overheat



- **2 Blades**
- Adjustable Cutting Width by Spacers



- **Tool Free Arbor Screw**
- Tool Free Arbor Screw saves time when adjusting width or changing blades



- **Sighting Laser**
- Sighting Laser for precise aiming



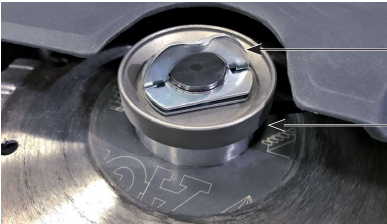
- **5 Blades**
- Can mount 5 blades for bridgeless chasing up to about 23 mm width

- **With Vacuum Cleaner**
- Balanced, Compact Design for ease of handling

Technical Specification

Model	CG150
Power Input	2500 W (220 V), 2300 W (110 V)
Voltage, Frequency	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load Speed	6500 min ⁻¹
Max. Blade Diameter	Ø150 mm
Max Depth of Cut	50 mm
Max Channel Width	45 mm
Max Number of Blades	5 (23 mm width)
Depth of Cut control system	With
Rotatable dust collection system	With
Soft Start / Overload Protection	With
Thermal Protection	With
Constant Speed	With
Dimensions (LxWxH)	365 x 220 x 288 mm
Blade bore size	22.23 mm
Weight (Without cable and blade)	7.2 kg (15.8 lb)

* Due to the constant speed design, the no load and the rated load speeds are roughly the same.

1 Main Handle	8 Base	15 Tool-Free Arbor Screw
2 Switch Trigger	9 Wheel	16 Tab
3 Trigger Release	10 Side Handle	
4 Dust Port	11 Brush Cap	
5 Sighting Notches	12 Load Warning Light	
6 Limit Pin	13 Power Supply Cord	
7 Depth Adjuster	14 Motor	



Offer Content

Standard Accessories

- ① CG 150 Wall Chaser
- ② Blow Molded Case
- ③ 150 mm Diamond Saw Blade x 2 (Universal)
- ④ 4 Spacers Set for two blades
- ⑤ 5 Spacers Set for five blades









Optional Accessory

- ⑥ 150 mm Diamond Saw Blade x 2 (Hard Material)
- ⑦ Guide Rail (1400 mm)
- ⑧ Guide Rail Support Set



Comparison Table

								
150 mm (6") WALL CHASER								
Model	CG150	DCH 150-SL	D90	BDN 466/6	PH 125S	WCS 45	70 V	EMF 150,1
Power Input	2 500 W	2 400 W	2 500 W	2 400 W	1 850 W	1 900 W	2 300 W	2 300 W
No Load Speed	6 500 /min	7 000 /min	6 700 /min	7 200 /min	5 000 /min	5 800 /min	6 500 /min	7 500 /min
Blade Diameter	150 mm	150 mm	150 mm	150 mm	125 mm	150 mm	150 / 180 mm	150 mm
Blade Bore Size	22,33 mm (7/8")	22,33 mm (7/8")	22,33 mm (7/8")	22,33 mm (7/8")	22,33 mm (7/8")	22,33 mm (7/8")	30 mm	22,33 mm (7/8")
Max. Channel Width	45 mm 👍	50 mm	46.5 mm	35 mm	43 mm	45 mm	44 mm	46 mm
Max. Depth of Cut	50 mm 👍	50 mm	50 mm	45 mm	38.5 mm	45 mm	45 / 60 mm	45 mm
Max. Number of Blades	5 blades (23 mm width) 👍	2 blades	2 blades	6 blades (25 mm width)	2 blades	2 blades	2 blades	3 blades (not bridgeless)
Cut to Ceiling or Floor	25 mm	not listed	23 mm	22 mm	(not listed)	(not listed)	(not listed)	(not listed)
Cut to Corner/Edge	28 mm 👍	not listed	28 mm	29 mm	(not listed)	(not listed)	(not listed)	18 mm
Weight (EPTA)	7,2 kg	7,6 kg	7,1 kg	6,2 kg	4,6 kg	6,6 kg	7,0 kg	6,1 kg
Blade Rotation	Push	Push	Push	Push	Pull	Push	Push	Push
Easy to Hold Both Vertical & Horizontal	Yes	Yes	Yes	No	No	No	Yes	Yes
Wheels on base	6 wheels, multi-location	6 wheels, multi-location	6 wheels, multi-location	2 parallel rollers	no wheels	4 wheels	4 wheels	2 parallel rollers
Dust Control Brush	Yes 👍	Yes	Yes	No	No	No	No	PARTIAL
Dustproof Hall Effect Switch	Yes 👍	No	No	No	No	No	No	No
Adjustable depth of cut	Yes	Yes	Yes	Yes	3 positions only	Yes	Yes	Yes
Guide Rail System	Yes (optional) 👍	No	No	No	No	No	No	No

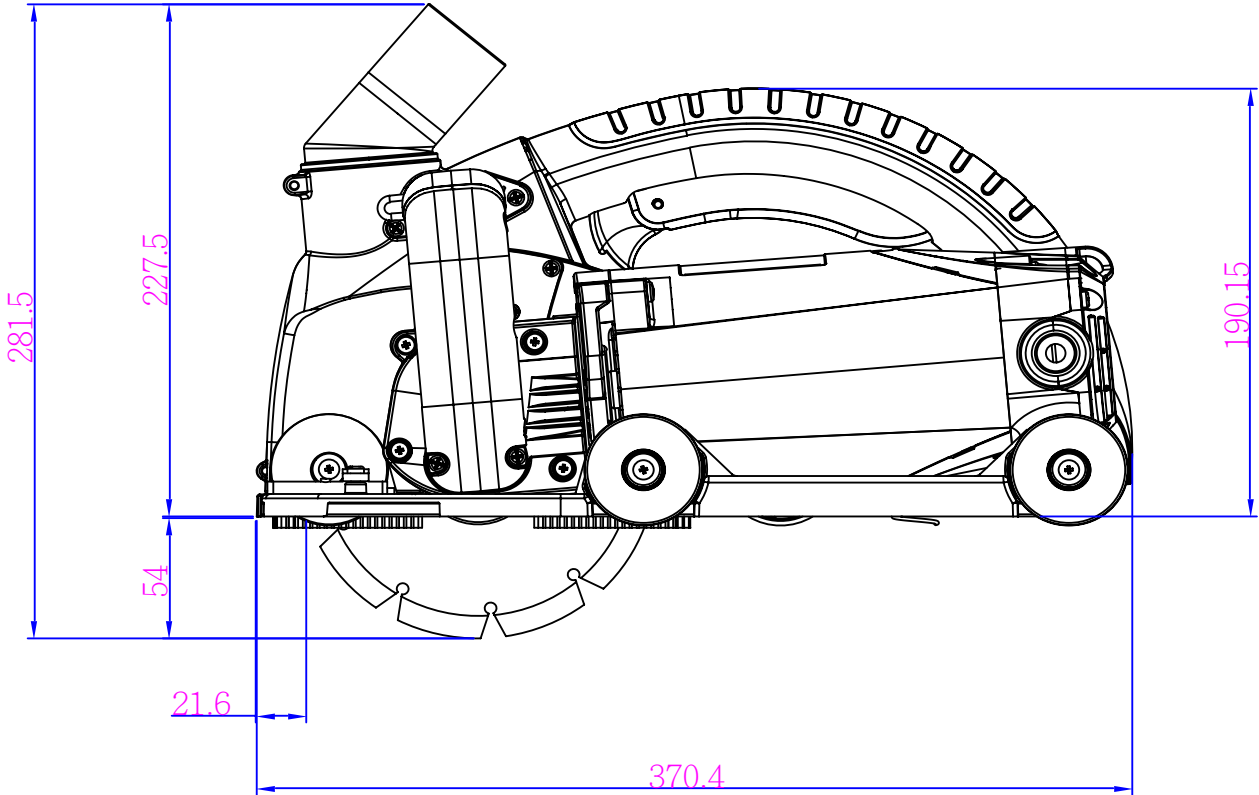
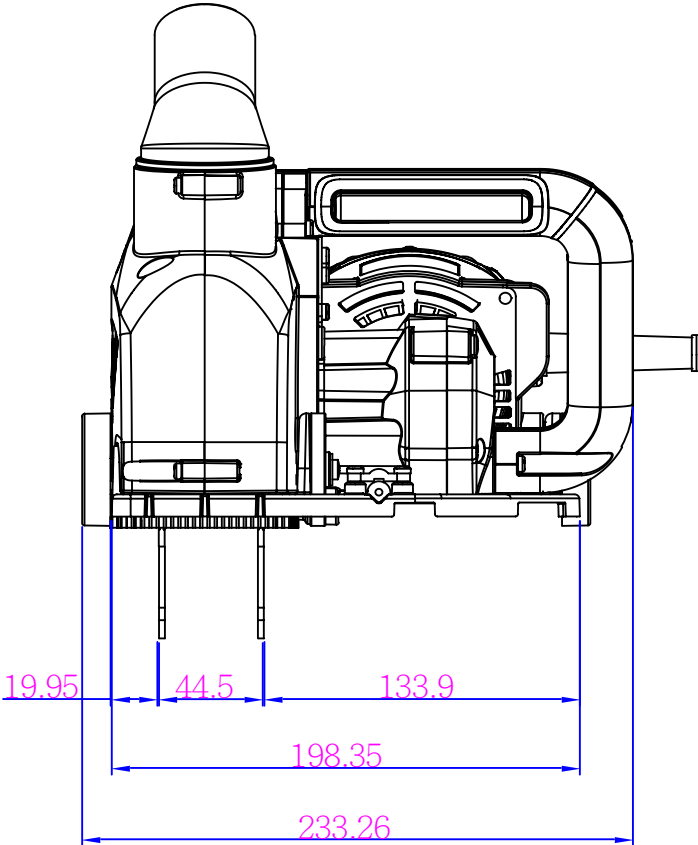
Comparison Table

								
150 mm (6") WALL CHASER								
Laser Line Indicator	Yes 	Yes (optional)	No	No	No	No	No	No
Constant Speed	Yes 	No	No	No	No	No	No	No
Overload Warning Lamp	Yes 	No	No	Yes	No	No	No	Yes
Soft Start	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Overload Protection	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Thermal Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tool free blad guard opening	Yes 	Yes	Yes	Yes	No	No	No	Yes
Tool free system for changing blade	Yes 	No	Yes	No	No	No	No	No

Conclusion	<p>The AGP handle design offers the operator more choices than the Cardi or Baier to hold in most comfortable position, whether operating horizontally or vertically.</p> <p>The dust collection will be superior, with a brush at the work surface. Only the Baier and the AGP offer bridgeless chasing with multiple blades, but compared to the Baier, the AGP has a much superior dust containment design. The Baier and Eibenstock offer very poor dust containment. The six AGP wheels are much larger and set a pattern so that when the work surface is uneven, there will still be good support of the machine for smooth and even guiding. The Cardi and Eibenstock only have 2 rollers, and the Baier only has one roller wheel, so when the surface is uneven, it will not guide smoothly. While the Spit has many of the features above, the AGP has a load warning lamp & laser line indicator, while the Spit does not. The Spit also only has thermal protection. It does not have overload protection. The Hilti is the only other tool with a laser line indicator, but it is an expensive optional extra, while it is standard equipment on the AGP. Importantly, the AGP is the only unit featuring constant speed, which vastly improves cutting performance.</p> <p>The AGP has the option of using a guide rail system for perfectly straight cuts. This is not available on any of the others.</p> <p>The AGP has better specification, design and features which make it a clearly superior wall chaser.</p>							
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* Constant speed machines have roughly the same no load and rated speeds.

Tool Dimensions



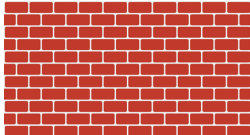


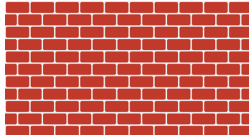


Choosing The CG125 Or The CG150 :

Each tool is optimized for a different application

The CG150, with its higher torque and lower gearing, is most suited to chasing reinforced concrete, and also for running with 5 blades.

The CG125, with its taller gearing, is only suitable for chasing brick and similar materials, but it will cut faster, and the tool is also lighter in weight.



Model	CG125		CG150	
Input Power	1800 W		2500 W	
Torque At Nominal Load	1.69 Nm		3.30 Nm	
Circumferential Speed Of Blade	At Ø125 mm, Max 8700 /min = 57 m/s		At Ø150 mm, Max 6500 /min = 51 m/s	
Weight	4.7 kg		7.2 kg	
Applicable Material	<p>Brick</p>  <p>Silicate stone (kalkzandstein, limestone)</p>  <p>Concrete blocks</p> 		<p>Brick (also 5 blades capability)</p>  <p>Silicate stone (kalkzandstein, limestone)</p>  <p>Concrete blocks</p>  <p>Concrete & Reinforced Concrete</p> 