



CS230N Metal Cutting Circular Saw

Quickly cut metals such as steel, stainless, and aluminum

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Internal & Confidential

AGP | CS230N Metal Cutting Circular Saw

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Introduction

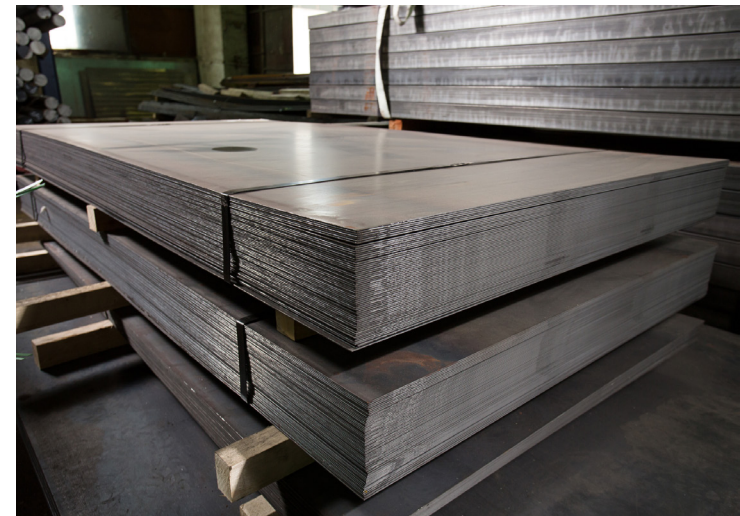
Target group & Applications

CS230N Introduction

The CS230N is a hand-held metal-cutting circular saw for the dry cutting of a variety of metal materials. It uses a 230 mm (9") blade for up to 82 mm (3.2") depth of cut. The 1700 W motor features soft start, and overload protection. The ergonomic main and side handles allow excellent control. There is a second side handle mounting point, to better position the side handle during bevel cuts. The tool-free, infinitely adjustable depth stop allows limited depth cuts when necessary. The tool-free bevel adjustment includes both infinitely adjustable and notched quick settings for popular angles. There is a swarf collection chamber which is tool free to open and easy to empty out.

Target Groups and Applications

For operators in the fields of metalworking, fabrication, construction, or for anyone who needs to quickly cut a variety of metal work materials, the CS230N is an excellent tool and makes the perfect complement to a dry-cut chop saw. One uses the chop saw when the workpiece can be brought to the tool, and one uses the CS230N when the tool must be brought to the workpiece. This method of cutting, with TCT metal-cutting blades, is much faster and cleaner than using abrasive cutoff wheels or a cutting torch. There are almost no sparks, the resulting cuts do not have a heat-affected area, and there are virtually no burrs. This saves a lot of time. A variety of metals can be cut, such as steel, stainless steel, aluminum, and sheet metal composite materials. There are different blades available to suit these different materials. The work pieces are typically shaped, hollow, metal construction materials, such as box section and round tubing, C-section and angle section materials, diamond plate materials, aluminum extrusions, etc.



Sales Arguments

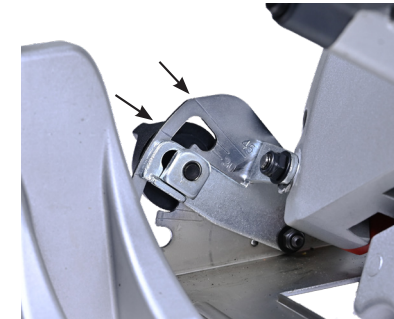
Adjustable Depth Control

Tool-free infinitely adjustable depth control for situations where the depth of cut must be limited to a certain amount.



Tool-Free Bevel Adjustment

Bevel angle is infinitely adjustable from 0° to 45°, and with quick detents at 0°, 15°, 30° and 45°



Swarf Chamber

The swarf chamber catches most of the swarf, and is tool-free to open and dump out, allowing a cleaner work area.



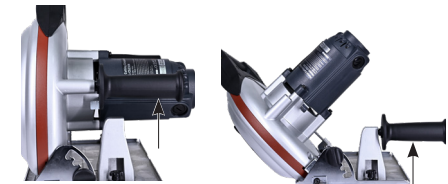
Main Handle In-Line with Blade Plane

This allows the best control of the saw with the least effort.



Two Mounting Points for the Side Handle

Mount on the blade guard for straight cutting, and mount on the base for bevel cutting



Sighting Notches

Sighting notches for 0° and 45° make it easy to accurately follow the cutting line.



Parallel Guide

The parallel guide allows straight and controlled cuts.



Technical Specifications

Model	CS230N
Power Input	1700 W
Voltage, Frequency	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load (Rated Load) Speed	2200 (1320) min ⁻¹
Rated Blade Diameter	230 mm (9")
Arbor Hole Diameter	25.4 mm (1") or 30 mm
Max. Depth of Cut (Straight)	82 mm (3.2")
Max. Depth of Cut (45°)	56 mm (2.2")
Max. Plate Thickness	6 mm (¼")
Soft Start & Overload Protection	With
Weight	7.1 kg (15.6 lb)



- ① Main Handle
- ② Swarf Chamber
- ③ Bevel Adjuster
- ④ Sighting Notches
- ⑤ Parallel Guide
- ⑥ Arbor Lock
- ⑦ Parallel Guide Clamping Knobs
- ⑧ Side Handle
- ⑨ Speed Control Dial (optional)
- ⑩ Adjustable Depth Control



Offer Content

Standard Accessories

- ① CS230N Metal Cutting Circular Saw
- ② Side Handle
- ③ Parallel Guide
- ④ M6 Hex Key

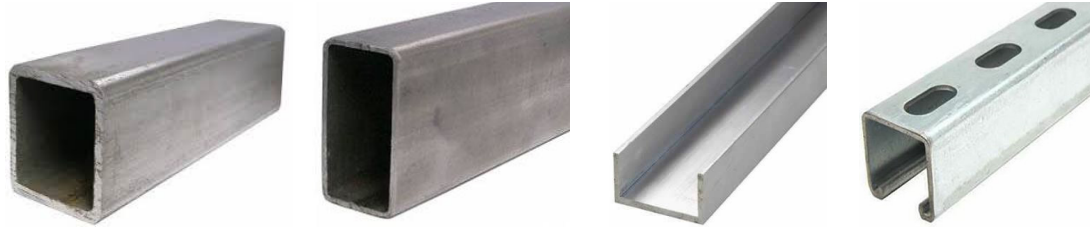


Optional Accessories

- ⑤ TCT Saw Blades
- ⑥ Speed Control Device



Work Materials



Box Section Steel



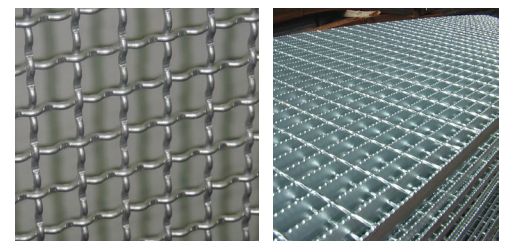
Steel Tubing



Aluminum Extrusions



Diamond Plate



Metal gratings

Comparison Table

Brand								
Metal-Cutting Circular Saws								
Model	CS230N	Hand Dry Cutter 8230N	HKS 230	CSM 4060	Rotaspeed 230/9	Element 9	EHC.230/4	EVO230
Power Input	1700 W	1700 W	1700 W	1400 W	1700 W	1800 W	1800 W	1750 W
No Load Speed	2200 /min	2200 /min	2200 /min	3800 /min	2600 /min	2300 /min	2300 /min	2700 /min
Blade Diameter	230 mm (9")	230 mm (9")	230 mm (9")	185 mm (7-1/4")	230 mm (9")	230 mm (9")	230 mm (9")	230 mm (9")
Depth of Cut	82 mm (3.2") 	82 mm (3.2")	82 mm (3.2")	63 mm (2.5")	82 mm (3.2")	83 mm (3.3")	83 mm (3.3")	83 mm (3.3")
Max. Plate Thickness	6 mm (1/4")	6 mm (1/4")	6 mm (1/4")	6 mm (1/4")	6 mm (1/4")	6 mm (1/4")	6 mm (1/4")	6 mm (1/4")
Arbor Ø	25.4 mm (1") or 30 mm	25.4 mm (1")	25.4 mm (1")	20 mm	25.4 mm (1")	25.4 mm (1")	25.4 mm (1")	25.4 mm (1")
Guide Rail Compatible	No	Yes	No	No	No	No	No	No
Bevel Cut Capable	Yes 	Yes	Yes	No	Yes	Yes	Yes	Yes
Weight	7.1 kg (15.6 lb)	7.1 kg (15.6 lb)	7.1 kg (15.6 lb)	5.4 kg (11.9 lb)	7.1 kg (15.6 lb)	9.5 kg (20.9 lb)	9.7 kg (21.3 lb)	8.6 kg (18.9 lb)
Soft Start	Yes 	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Overload Protection	Yes 	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Swarf Collection Chamber	Yes 	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Conclusion	The AGP CS230N is a competitive tool with the other metal-cutting circular saws. It has comparable power, capabilities and features. It is a very solid, reliable tool.							