

# 40V Max Brushless 185mm Metal Cut Saw



HEAVY DUTY BRUSHLESS

CS002G



# Product Statement



## 40V Max Brushless 185mm Metal Cut Saw

The 40V Max XGT Brushless 185mm Metal Cutting Saw (CS002G) with Electric Brake and Chip Collector is a cordless solution for cutting common metal materials. The Makita-built brushless motor delivers up to two times faster cutting performance and up to 160 cuts per charge in 64 x 64 x 6mm thick steel angle using a 40V max XGT 4.0Ah battery (battery sold separately).

It is engineered with Active Feedback-Sensing Technology (AFT), a system that electronically turns off the motor if the rotation of the blade is suddenly forced to a stop. It has a large 67mm cutting capacity that can handle various metal materials including pipe, stud, channel, strut, conduit, angle, square tubing, sheet metal, and more.





# Product Overview



Large cutting capacity

Active Feedback  
Sensors (AFT)

Electric brake

Soft start

Constant speed control

Quick release chip collector

Stainless steel base

eXtreme Protection  
Technology (XPT)



# Product Specifications



Max. cutting depth	67mm
Blade diameter	185mm
No load speed	3,500rpm
Overall length	350mm
Skin weight	3.5kg
Weight (with battery)	4.5kg (BL4040)
Voltage	40V Max
Max. cutting depth	67mm

- **Large cutting capacity** – best in class cutting capacity, the optimised design with a high torque brushless motor produce a cutting capacity that is superior to alternative options with larger blade diameters.
- **Active Feedback sensing Technology** – automatically shuts down the tool as soon as kickback is sensed, providing increased protection during operation of the tool.
- **Electric brake** – quickly stops the wheel rotation after the switch has been disengaged, ensuring safety through all stages of operation of the tool.
- **Soft Start** - reduces recoil at startup allowing for more comfortable operation and unnecessary wear internal components
- **Constant speed control** – maintains blade speed under load ensuring faster cutting in both light and heavy-duty applications.
- **Quick release chip collector** – metal swarf disposal is improved by the newly designed chip collector, allowing for attaching and detaching simply by a one-hand operation
- **Stainless steel base** – tough but also lightweight stainless-steel base ensures the high durability of the saw, ensuring high durability of components whilst also providing stable and secure cutting surface for the user.
- **eXtreme Protection Technology (XPT)** – advanced protection against dust and moisture ensuring the durability of the tool.

# Advantages



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## Heavy Duty



Large Cutting Depth  
67mm Max.

## Control



Active Feedback Sensing Technology (AFT)

## Innovation



Constant Speed Control  
Maintains blade speed underload for faster cutting

## Protection



Electric Brake & Soft Start

## XGT Cutting Speed

Up to

**100%**Faster  
Cutting

**Test:** Cut 64x64mm steel angle, 6mm thickness  
Blade used: Blade supplied as standard with each model

CS002G – 40V Max XGT  
4131 – 240V AC



### Work Speed:

<b>CS002G</b> (BL4050F)	(2.4 seconds)
<b>4131</b>	(4.8 seconds)

### Work Amount:

<b>CS002G</b> (BL4050F)	(210 Cuts)
<b>CS002G</b> (BL4040)	(160 Cuts)

# Accessories




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## Standard Accessories

	E-12871	Efficut Metal Blade 185mm x 20 x 45T – Suitable for 2-6mm thickness
	164095-8	Guide Rule
	783203-8	Hex wrench 5

## Optional Accessories

	B-15774 B-15780 B-15796	<b><u>Specialized Metal Cutting</u></b>  185mm x 20 x 38T – 1.6-6mm thick 185mm x 20 x 48T – 1.2-3mm thick 185mm x 20 x 70T – 0.5-1.6mm thick
	B-15768 E-14308	<b><u>Specialized Metal Cutting – Cermet Tip</u></b>  185mm x 20 x 36T – 3-6mm thick 185mm x 20 x 38T – 3-12mm thick
	E-12871 E-12887	<b><u>Efficut Metal</u></b>  185mm x 20 x 45T – 2-6mm thick 185mm x 20 x 60T – under 2mm thick (also capable of cutting 304 grade stainless )
	B-31675	<b><u>Specialized 304 Grade Stainless Steel</u></b>  185mm x 20 x 64T – 0.5-4.0mm thick