

## Product Brochure For C4231

# Plasma Cutter - RAZOR CUT 45 V2

45 Amps - 16mm Steel Capacity,  
6 Metre Surecut SC80 Plasma Torch

**Ex GST**  
**\$2,042.61**

**Inc GST**  
**\$2,349.00**



ORDER CODE:	C4231
MODEL:	RAZOR™ CUT 45 V2
Part Number:	~
Cutting Capacity - Steel (mm):	16
Cutting Capacity - Aluminium (mm):	~
Voltage / Amperage (V / amp):	240 / 15
Recommended Plug (amp):	15
Duty Cycle:	25% @ 45 amp
Current Range (amp):	20-45
Air Pressure Required (PSI):	75
Air Flow Capacity Required (L/min /Bar):	189 / 6
Recommended Generator KVA (kVA):	~
Dimensions (mm):	546 x 169 x 341
Nett Weight (kg):	10



### Description

#### Latest IGBT Inverter Technology

Our state-of-the-art IGBT Inverter technology gives you get better performance, better efficiency, and better reliability, all with a significantly lighter power source than a transformer.

#### HD Backlit Interface

This next generation interface panel is bright and easy to read in any environment.

#### Power Factor Correction

PFC gives you maximum electrical efficiency. It automatically compensates for any voltage fluctuation, and PFC is also designed to be generator friendly.

#### Perforated Cut Mode

Now you can cut perforated metal without having to restart the arc between gaps. Simply switch into perforated cutting mode and slice through perforated metal with ease.

#### Pilot Arc Start

Pilot Arc Start lets you start the arc before contacting the workpiece. This gives you better control of the torch, especially on materials with uneven or curved surfaces.

#### 2T/4T Trigger Modes

Designed for user preference and comfort, adjustable trigger modes allow you to either hold the trigger down throughout the cut, or use the trigger as a on/off switch by pulling to start and pulling to stop.

#### Smart Fan

Smart Fan diminishes noise, saves power, helps reduce energy costs, and minimises the number of contaminants being pulled through the machine.

#### Lightweight & Portable

Weighing just 10kg, the RAZOR CUT 45 is ready to go anywhere you need it.

#### CNC Connectivity

With an easy-access CNC connection on the front panel, you can plug in a CNC torch and use it with a CNC table.

#### Air Test

The Air Test feature lets you to test the air pressure before proceeding with cutting, to easily check you've set the optimal parameters.

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### Optional Air Compressor Module

The new air compressor module is designed to perfectly fit the RAZOR CUT 45. This sleek and compact unit eliminates the need for a bulky external air compressor, perfect for workshops where space is a premium or as a CNC companion. Despite its small size, there is no compromise on performance, maintaining a clean cut of 16mm and a severance cut of 25mm.

### Features

- Latest IGBT Inverter Technology
- CNC Connectivity
- Power Factor Correction
- 2T/4T Trigger Modes
- High quality SC80 Plasma torch
- Industrial application
- Tolerant to variable power supply
- Suitable to cut all electrically conductive materials
- Light weight and compact

### Includes

- Plasmacut 45 Power Source
- 4 Metre Earth lead
- 6 metre Surecut SC80 Plasma torch
- 15amp plug

### Specific Features



Right View



Front View

### Recommended Accessories

W241

Universal Welder Trolley

W2415

TRI-CART Multi-Machine  
Welding Trolley

C620

Electrodes

C624

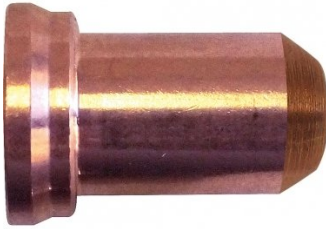
0.9mm Cutting Tips



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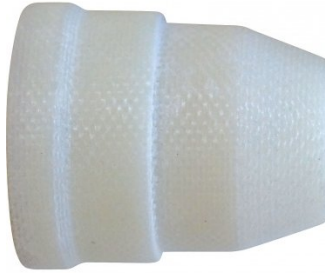
**C625**  
1.0mm Cutting Tips



**C622**  
Swirl Ring



**C626**  
Retaining Cup



**C492**  
Plasma Sub-Micronic Air Filter  
Canister



**W107**  
Safety Specs - Shade 5

