

Product Brochure For C4311

## ENVY CUT 120 Plasma Cutter - SKU: U11540

120 Amps - 50mm Steel Capacity  
 6 Metre SC160 Plasma Torch

**On Sale - Special Order**

Ex GST

Inc GST

~~\$4,090.00~~

~~\$4,499.00~~

**\$3,900.00**

**\$4,290.00**



ORDER CODE:	C4311
MODEL:	ENVY CUT 120
Part Number:	SKU: U11540
Cutting Capacity - Steel (mm):	50 / 70 Severance
Cutting Capacity - Aluminium (mm):	40
Voltage / Amperage (V / amp):	415 / 32
Recommended Plug (amp):	32
Duty Cycle:	60% @ 160A & 100% @ 100A
Current Range (amp):	-
Air Pressure Required (PSI):	43.5-101.5
Air Flow Capacity Required (L/min /Bar):	140-330 / 3-7
Recommended Generator KVA (kVA):	26
Dimensions (mm):	810 x 280 x 520
Nett Weight (kg):	39.2



### Description

Top-of-the-line cutting power with this professional-grade plasma cutter, perfect for the worksite or workshop.

#### Smart-Set Programs

The easiest way to set up for a plasma cut, simply select your cutting type, material type and thickness, and you're good to go!

#### Cutting Capacity

MILD STEEL: Get a 50mm clean cut and a severance cut of 70mm on mild steel.

STAINLESS STEEL: Get up to a 45mm clean cut on stainless steel.

ALUMINIUM: Get up to a 40mm clean cut on aluminium.

#### Cutting Modes

SOLID: Cut through solid metal plate on any material.

PERFORATED: With the perforated cutting mode, you can cut materials like grating or mesh without interruption.

FOUGING: Switch to gouging consumables to efficiently remove defects, welds, or pre-existing metal from your workpiece.

#### CNC Connectivity

Switch from handheld to automated cutting whenever you need. The CNC interface lets you connect a CNC torch and run the machine on a cutting table with precise, repeatable control.

#### Automatic Air Pressure Control

The machine regulates its own air pressure internally, so you do not need to adjust your compressor. The digital regulator delivers highly accurate, consistent airflow for cleaner starts and more reliable cuts.

#### Pilot Arc Start

Strike the arc without touching the workpiece. Pilot arc start lets you cut through paint, rust or scale with ease and gives you better control on uneven surfaces. Because the tip does not need to drag, your consumables last longer and your starts stay consistent.

#### Smart Fan Technology

The fan runs only when needed, reducing noise, cutting power use and limiting the dust drawn into the machine. This keeps internal components cleaner and helps extend the overall life of the unit.

#### Additional Features

##### Job Memory

The job memory function allows you to enter and store cut parameter settings. Cut parameters can be further adjusted and stored as required. A total of 100 jobs can be memorised and stored for recall.

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### Generator Compatible

Take it anywhere. Connect the machine to a generator and use it wherever, whenever you need it. We recommend 26kVA for this machine.

### Air Test

Check that your plasma cutter is running at peak performance. The air test ensures that your compressor is connected and that the air pressure is dialled in to produce the best cuts.

Take it anywhere. Connect the machine to a generator and use it wherever, whenever you need it. We recommend 26kVA for this machine.

### Features

- Easily navigate and adjust parameters with the LCD touchscreen
- 50mm clean cut and 70mm severance, the ultimate in cutting performance
- The CNC connection means you can use this machine for every kind of plasma application
- 5" LCD Touchscreen
- Smart-Set Programs
- Built-in Air Compressor
- CNC Connectivity
- Perforated Cut Mode

### Includes

- ENVY CUT 120 Plasma Cutter
- 6m SC160 Plasma Torch
- 4m 300A Earth Clamp & Lead
- Operating Manual

### Specific Features



Right View



Front View



Left View

### Recommended Accessories

#### C590

Electrodes



#### C591

1.1mm Cutting Tips



#### C592

1.4mm Cutting Tips



#### C593

1.6mm Cutting Tips



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C594  
Swirl Ring



C595  
Retaining Cup Heavy Duty



C596  
Stand-off Guide



W2415  
TRI-CART Multi-Machine  
Welding Trolley



W107  
Safety Specs - Shade 5



W1000A  
Promax HV5 Welding Jacket



W1001A  
Promax Blue FR Welding Jacket



W1002A  
Professional Promax BL7  
Welding Jacket



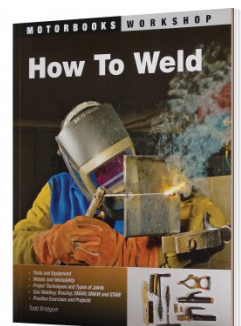
W100  
ROGUE™ Heavy Duty Welding  
Gloves - 400mm



W101  
TIG Welding Gloves - 310mm



L3456  
How to Weld Book



W225  
Welding Curtain

