

Product Brochure For C4204

## ENVY CUT 45 AIR Plasma Cutter - SKU: U11604

45 Amps - 20mm Steel Capacity  
 6 Metre SC80 Plasma Torch

**On Sale - Special Order**

Ex GST

Inc GST

~~\$2,090.00~~

~~\$2,299.00~~

**\$1,980.91**

**\$2,179.00**



ORDER CODE:	C4204
MODEL:	ENVY CUT 45
Part Number:	SKU: U11604
Cutting Capacity - Steel (mm):	20 / 25 Severance
Cutting Capacity - Aluminium (mm):	14
Voltage / Amperage (V / amp):	240 / 15
Recommended Plug (amp):	15
Duty Cycle:	30% @ 45A, & 60% @ 32A, 100% @ 25A
Current Range (amp):	-
Air Pressure Required (PSI):	65.27-87.02
Air Flow Capacity Required (L/min /Bar):	190-245 / 4.5-6.0
Recommended Generator KVA (kVA):	10
Dimensions (mm):	665 x 220 x 425
Nett Weight (kg):	23.1



### Description

A professional-grade plasma cutter that gives you the ultimate flexibility, perfect for the workshop or a worksite

#### 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 20mm clean cut and a severance cut of 25mm on mild steel.

**STAINLESS STEEL:** Get up to a 18mm clean cut on stainless steel.

**ALUMINIUM:** Get up to a 14mm 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.

**GOUGING:** 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.

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A total of 100 jobs can be memorised and stored for recall.

### Generator Compatible

Take it anywhere. Connect the machine to a generator and use it wherever, whenever you need it. We recommend 10kVA 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.

## Features

- The built-in air compressor lets you take this machine anywhere
- 20mm clean cuts and 25mm cutting capacity
- 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 45 AIR Plasma Cutter
- 6m SC80 Plasma Torch
- 4m 300A Earth Clamp & Lead
- Operating Manual

## Specific Features



Right View



Front View



Left View

## Recommended Accessories

### W241

Universal Welder Trolley



### W2415

TRI-CART Multi-Machine Welding Trolley



### C559

SC80 Plasma Torch Consumable Pack



### C627

Plasma Hand Torch



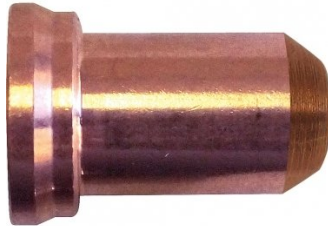
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C620  
Electrodes



C624  
0.9mm Cutting Tips



C625  
1.0mm Cutting Tips



C622  
Swirl Ring



C626  
Retaining Cup



W107  
Safety Specs - Shade 5

