Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For C4313

ENVY CUT 160 Plasma Cutter - U11541

160 Amps - 65mm Steel Capacity
6 Metre SC160 Plasma Torch

Special Order

Ex GST	Inc GST
$6,817.27	$7,499.00

ORDER CODE:	C4313
MODEL:	ENVY CUT 160
Part Number:	U11541
Cutting Capacity - Steel (mm):	65 / 80 Severance
Cutting Capacity - Aluminium (mm):	50
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):	40
Dimensions (mm):	810 x 280 x 520
Nett Weight (kg):	45.4



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 65mm clean cut and a severance cut of 80mm on mild steel.
STAINLESS STEEL: Get up to a 60mm clean cut on stainless steel.
ALUMINIUM: Get up to a 50mm 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.

Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For C4313

Generator Compatible
Take it anywhere. Connect the machine to a generator and use it wherever, whenever you need it. We recommend 40kVA 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 40kVA 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 160 Plasma Cutter
- 6m SC160 Plasma Torch
- 4m 300A Earth Clamp & Lead
- Operating Manual

Recommended Accessories

C590
Plasma Torch Electrodes



C591
Plasma Torch 1.1mm Cutting Tips



C592
Plasma Torch 1.4mm Cutting Tips



C593
Plasma Torch 1.6mm Cutting Tips



Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For C4313

C594
Plasma Torch Heavy Duty Swirl Ring



C595
Plasma Torch Heavy Duty Retaining Cap



C596
Plasma Torch Standoff Guide



W2415
TRI-CART Multi-Machine Welding Trolley



W107
Safety Specs - Shade 5



W1000A
Promax HV5 Welding Jacket



W1001A
Promax Blue FR Welding Jacket



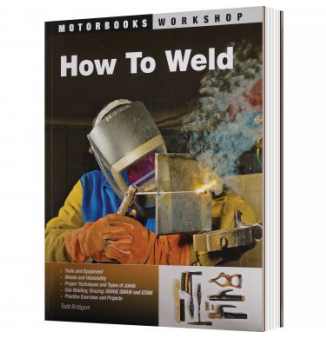
W1002A
Professional Promax BL7 Welding Jacket



W100
ROGUE™ Heavy Duty Welding Gloves - 400mm



L3456
How to Weld Book



W225
Welding Curtain

