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 K8769

ENVY CUT 45 AIR Plasma Cutter - QLD Schools / TAFE

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



Please Call

ORDER CODE:	K8769
NSW DOE Item No.:	~
QLD DOE Item No.:	~
MODEL:	ENVY CUT 45
Primary Input Voltage (V / amp):	240 / 15
Duty Cycle @ 40°C (amp):	30% @ 45A, & 60% @ 32A, 100% @ 25A
Current Range (amp):	~
Cutting Capacity - Mild Steel (mm):	~
Cutting Capacity - Aluminium (mm):	14
Cutting Capacity - Stainless Steel (mm):	~
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
- (W100) UMWG8 - ROGUE™ Heavy Duty Welding Gloves - 400mm
- (C559) UMSK45 - SC80 Plasma Torch Consumable Pack
- (U21020) Trade Series Welding Helmet – Black
- (Umjrtrolley2) Small Machine Welding Trolley
- 6m SC80 Plasma Torch
- 4m 300A Earth Clamp & Lead
- Operating Manual

Specific Features



Right View


Front View



Left View


U21020 Trade Series Welding Helmet Black


W100 UMWG8 ROGUE Heavy Duty Welding Gloves 400mm


Small Machine Welding Trolley



C559 UMSK45 SC80 Plasma Torch Consumable Pack

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Recommended Accessories

W241
Universal Welder Trolley



W2415
TRI-CART Multi-Machine Welding Trolley



C559
SC80 Plasma Torch Consumables Starter Kit



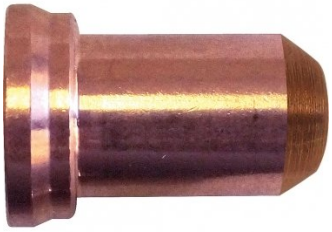
C627
Plasma Hand Torch



C620
Plasma Torch Electrodes



C624
Plasma Torch 0.9mm Cutting Tips



C625
Plasma Torch 1.0mm Cutting Tips



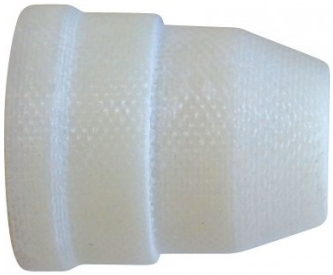
C622
Plasma Torch Swirl Ring



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C626
Plasma Torch Retaining Cup



W107
Safety Specs - Shade 5

