

## Product Brochure For K8443

### Plasma Cutter - RAZOR CUT 45

Supplied to School Specifications  
 NSW DOE Item 45



### Please Call

|                                          |                                    |
|------------------------------------------|------------------------------------|
| ORDER CODE:                              | K8443                              |
| NSW DOE Item No.:                        | 45                                 |
| QLD DOE Item No.:                        | -                                  |
| MODEL:                                   | RAZOR™ CUT 45                      |
| Primary Input Voltage (V / amp):         | 240 / 15                           |
| Duty Cycle @ 40°C (amp):                 | 25% @ 45A & 60% @ 30A & 100% @ 20A |
| Current Range (amp):                     | 20-45                              |
| Cutting Capacity - Mild Steel (mm):      | 16mm clean-cut & 25mm severance    |
| Cutting Capacity - Aluminium (mm):       | 8mm clean-cut & 12mm severance     |
| Cutting Capacity - Stainless Steel (mm): | 8mm clean-cut & 12mm severance     |
| Dimensions (mm):                         | 546 x 169 x 341                    |
| Nett Weight (kg):                        | 10                                 |



### Description

The RAZOR CUT 45 is the perfect plasma cutter for the professional who wants a powerful machine with a portable body. Fitted with a 15 AMP plug, this machine is made for the workshop and worksite. The RAZOR CUT 45 boasts some serious cutting power with 16mm clean cut and 25mm severance.

#### 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.

#### CNC Connectivity

Easy access front panel port for and adjustable feedback ratio for CNC connectivity.

#### Perforated Cut Mode

Now you can cut perforated metal without having to restart the arc between gaps. Simply shift 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 work piece. 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.

#### Generator Compatible

Going off the grid? The RAZOR CUT 45 can be connected to a generator, we recommend one with an 8kVA rating.

#### Lightweight & Portable

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

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### Features

- Thermal overload protection
- 15 Amp plug - Connect to a 15 Amp outlet
- Complies to AS/NZS 60974.1 standards
- UNIMIG is pleased to offer a 5-year warranty on all the RAZOR CUT 45

### Includes

- RAZOR CUT 45 Plasma Cutter
- 6m SC80 Plasma Torch
- 4m 300 AMP Earth Clamp
- Air Regulator
- Operating Manual
- Earth Lug (For Earth Continuity System)
- Professional Leather Welding Gloves
- SC80 Plasma Torch Consumable Starter Kit

### Specific Features



Front View



Power Unit



SC80 Plasma Torch Consumable Kit



Professional Leather Welding Gloves

### Recommended Accessories

#### C559

SC80 Plasma Torch Consumable Pack

#### C620

Electrodes

#### C624

0.9mm Cutting Tips

#### C625

1.0mm Cutting Tips



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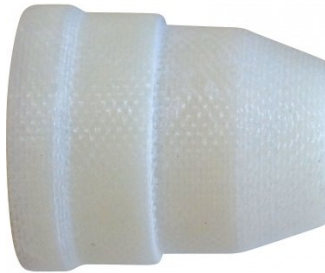
**C6251**  
1.3mm Cutting Tips



**C622**  
Swirl Ring



**C626**  
Retaining Cup



**C660**  
Plasma Circle Cutting Kit



**W1000A**  
Promax HV5 Welding Jacket



**W1001A**  
Promax Blue FR Welding Jacket



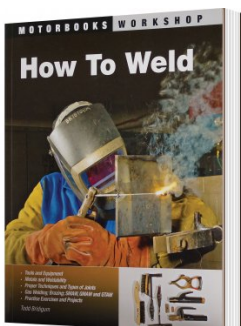
**W1002A**  
Professional Promax BL7  
Welding Jacket



**W100**  
ROGUE™ Heavy Duty Welding  
Gloves - 400mm



**L3456**  
How to Weld Book



**W225**  
Welding Curtain

