

RAZOR CUT 45

FEATURES



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.

Lightweight & Portable

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

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SPECIFICATIONS

Technical Data

Parameter	Values
SKU	U14006K
Primary Input Voltage	240V Single Phase
Supply Plug	15A
Rated Input Current (A)	23
No Load Voltage (V)	300
I _{eff} (A)	15.0
Air Flow Draw Off (L/min)	189
Air Flow Pressure (Bar)	5.17 (75 psi) (0.5 MPa)
Current Range (A)	20-45
Machine Duty Cycle	25% @ 45A 60% @ 30A 100% @ 20A
Protection Class	IP23S
Insulation Class	H
Dinse Connector	10/25
Standard	AS/NZ60974-1
Warranty (Years)	5

Plasma Cut Thickness Rating

Parameter	Values
Mild Steel Clean Cut	16mm
Mild Steel Severance Cut	25mm
Aluminium Clean Cut	10mm
Aluminium Severance Cut	12mm
Stainless Clean Cut	10mm
Stainless Severance Cut	12mm

Size & Weight

Parameter	Values
Dimensions	546×169×341mm
Weight	10kg

Machine Features

Parameter	Values
Plasma Arc Start	Pilot Arc
CNC Connection	Yes
Thermal Overload Protection	Over Temperature Warning