

RAZOR CUT45 PLASMA

45 Amp Inverter Plasma Cutter

Cuts: Steels, Stainless, Cast Iron, Brass, Copper. Aluminium

RAZORCUT
CUT45 PFC

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45Amp 240V Inverter Plasma Cutter
16mm Cut on Mild Steel, Lightweight & Portable
Industrial Rated with Power Factor Correction



Features

- Clear Vision Technology
- Light Industrial application
- Outstanding performance from single-phase
- Pilot Arc Ignition (non-contact)
- Stand-off cutting with drag cut capability
- Maximum sever cutting thickness (steel) 25mm
- High quality Surecut SC80 Plasma Torch 6mtr
- Euro Style torch connection, low-cost consumables
- External Adjustable air regulator, self-drain type
- Suitable to cut all electrically conductive materials
- Lightweight & compact design
- Strong metal housing with plastic front & rear panels
- Generator compatible (recommend 6KVA minimum)
- Tolerant to variable power supply

XA-RZCUT45PFC-K
Standard Package



Optional machine accessories available - refer www.xcelarc.nz

Overview

The RAZOR CUT45 is a highly advanced digital inverter plasma cutter designed to deliver exceptional performance and precision. It offers adjustable cutting torch length and post-flow time, making it a versatile tool for a variety of applications. Its unique electrical structure and air duct design enhance heat dissipation, improving duty cycle and reliability. The machine offers three cutting modes, step-less adjustment of cutting current, intelligent fan temperature control, and automatic parameter saving. With a reset function the RAZOR CUT45 is a reliable and efficient plasma cutting machine that is ideal for anyone looking for precision, versatility, and high-quality cutting.

In addition to its advanced features and cutting-edge technology, the RAZOR CUT45 is also incredibly durable and built to last. Its sturdy design can withstand even the most challenging cutting conditions, making it an excellent choice for heavy-duty industrial applications. Its compact size and lightweight construction also make it highly portable, allowing it to be easily transported to job sites or workshops. The

RAZOR CUT45 is also incredibly user-friendly, with its intuitive interface and simple controls making it easy to operate. With its exceptional performance, reliability, and ease of use, the RAZOR CUT45 is an excellent investment for anyone in need of a high-quality plasma cutting machine. Whether you're a professional welder or a DIY enthusiast, the RAZOR CUT45 is an ideal choice for anyone looking to achieve precise, clean cuts on a variety of materials.

Product Code: XA-RZCUT45PFC-K

Standard Package includes: RAZOR CUT45 Machine, SC80 Plasma Torch 6m, Earth Lead & Spares Kit



Technical Data

Power Supply / Phases (V-Ph)	240V - 1 +/- 10%
Rated Input Power	5.30 kVA
I _{eff} as per AS/NZ60974-1	15.0 Amps
I _{Max}	29.2 Amps
Plasma Cut Current Range	20-45 Amps
Duty Cycle @ 40°C as per AS/NZ60974-1	25% @ 45Amps
Duty Cycle @ 25°C (approximate)	55% @ 45Amps
No Load Voltage	98V
Plasma Arc Start	Pilot Arc
Air Flow Draw Off	6.7 cfm
Air Pressure	75 psi
Steel Cut Thickness	16mm
Steel Sever Thickness	25mm
Aluminium Cut Thickness	8mm
Aluminium Sever Thickness	10mm
Stainless Cut Thickness	8mm
Stainless Sever Thickness	10mm
Insulation Class	H
Protection Class	IP23S
Dimensions (LxWxH)	546x166x341mm
Weight Power Source	10kg
Certification Approval	AS/NZ60974-1