

# RAZOR CUT 45

## Plasma - 45 Amp Inverter Plasma Cutter

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

**UNIMIG**  
*RazorCut*  
PLASMA CUT 45

### 45 Amp - 16mm Cut on Steel 240v Inverter with Power Factor Correction Industrial Rated, Lightweight and Portable

#### Features

- Latest IGBT Inverter Technology
- Safe Euro torch connection
- High quality SC80 Plasma torch
- Industrial application
- Tolerant to variable power supply
- In-built Air Regulator with preset air pressure
- Suitable to cut all electrically conductive materials
- Light weight and compact
- Strong metal housing, with plastic front and rear covers



#### Technical Data

Power Supply / Phases (V-Ph)	240v - 1 +/- 15%
Duty Cycle @ 104°F	25% @ 45Amps
Rated Power (KVA)	5.50
Output Current Range (A) Plasma	20-45
Rated Output Voltage (V)	98
Insulation Class	F
Protection Class	IP21S
Plasma Arc Starting	Pilot L/F
Air Flow Pressure (MPa)	0.5 (75 psi)
Air Flow Rate l/min	189
Cutting Thickness - Clean (mm)	16
Cutting Thickness - Severance (mm)	20
Dimensions (mm)	410 x 165 x 330
Weight (Kgs)	9.8
Warranty	3 years machine only
Certification Approval	AS/NZS 60974-1



50505-48  
Sub-Micronic Cartridge  
Option



50500-12  
Sub-Micronic Air Filter  
Option

#### Overview

The RAZORCUT45 is an inverter-based Plasma cutting machine produced using the latest in IGBT technology. This machine is reliable, robust and stacked with features that you can expect from a quality Plasma Cutter. The RAZORCUT45 produces a high temperature plasma stream providing effortless cutting of all electrically conductive materials including steel, cast Iron, stainless steel, copper, aluminium brass etc . The RAZORCUT45 is equipped with a high quality SureGrip SC80 Plasma torch with Euro connection, developed specifically to enhance and improve the cut quality of the RAZORCUT45 machine. Connection of the SC80 Plasma torch provides effortless starting of the cut with powerful, fast and accurate cutting capability, additional is the benefit of longer life cycle consumable electrodes and cutting tips. The RAZORCUT45 is an exceptional machine that is suitable for a wide range of applications including sheet metal fabrication, light industrial use, site work, automotive, ducting work, repair and maintenance services. The RAZORCUT45 is packaged with a tough SureGrip SC80 Plasma torch, earth lead and air regulator. The RAZORCUT45 gives you the best of both worlds great portability, with the power to get the job done. Built to our specification and manufactured in compliance to AS/NZS 60974-1

#### Product Code: KUPJRRW45

Standard Package includes: RAZORCUT45 Machine, SC80 x 6m Plasma Torch, Earth Lead 4m