

**3 YEAR  
PRODUCT  
WARRANTY**



## OVERVIEW

The RAZOR CUT 45 is the perfect plasma cutter for the professional wanting a powerful machine with a portable body. Fitted with a 15 AMP plug, this machine is designed for the workshop and for site work. the RAZOR CUT 45 is boasts serious cutting power with 16mm clean cut performance, and 20mm severance.

## KEY FEATURES

- 15 AMP Plug
- 16mm Clean Cut / 20mm Severance
- Voltage Reduction Device
- Thermal Overload Protection
- Low-Frequency Start (Pilot Arc Start)
- Circle Cutting Kit Compatible
- Great Consumable Life

## MACHINE PACKAGE: KUPJRRW45

- 6m SC80 Plasma Torch
- 4m 300 AMP Earth Clamp
- Air Regulator
- Operating Manual

## TECHNICAL DATA

SKU	KUPJRRW45
PRIMARY INPUT VOLTAGE	240V Single Phase
SUPPLY PLUG	15A
RATED INPUT POWER (kVA)	5.5
RATED INPUT CURRENT (A)	
RATED OUTPUT VOLTAGE (V)	98
NO LOAD VOLTAGE (V)	
I <sub>eff</sub> (A)	15.0
I <sub>max</sub> (A)	29.2
AIR FLOW DRAW OFF (L/min)	189
AIR FLOW PRESSURE (Bar)	5.17 (75 psi)
PROTECTION CLASS	IP21S
INSULATION CLASS	F
MINIMUM GENERATOR (kVA)	7
DINSE CONNECTOR	10/25
STANDARD	AS/NZ60974-1
WARRANTY (Years)	3

## PLASMA CUT SPECIFICATIONS

PLASMA CUT CURRENT RANGE	20-45A
PLASMA CUT DUTY CYCLE @ 40°C	25% @ 45A
MILD STEEL CUT THICKNESS	16mm
MILD STEEL SEVERANCE THICKNESS	20mm
ALUMINIUM CUT THICKNESS	8mm
ALUMINIUM SEVERANCE THICKNESS	10mm
STAINLESS STEEL CUT THICKNESS	8mm
STAINLESS STEEL SEVERANCE THICKNESS	10mm

## SIZE & WEIGHT

DIMENSIONS (mm)	410x165x330mm
WEIGHT (kg)	9.8kg

## FRONT PANEL LAYOUT



## REAR PANEL LAYOUT



1	Torch Protection Indicator
2	Overheating Indicator
3	Power LED
4	Air Pressure Gauge
5	Positive Output Connector
6	Torch Connection
7	2T / 4T Switch
8	Gas Check Indicator / Normal Cutting Mode
9	Amperage Control Knob
10	CNC Connection
11	Power Cable
12	Power Switch
13	Air Supply Connection

**WARNING**  
**USE COMPRESSED AIR ONLY**  
**WITH THIS MACHINE**