

VIPER CUT 30 - TECHNICAL DATA

30 AMP INVERTER PLASMA CUTTER



50500-12
Sub-Micronic
Air Filter Option



50505-48
Sub-Micronic
Cartridge Option



OVERVIEW

The all-new VIPER CUT 30 plasma cutter is specifically designed for the DIY enthusiast. With recent technological breakthroughs, the need for an expensive 15A setup is no longer a boundary preventing you from plasma cutting. It has never been easier to set up a plasma cutter in your workshop!

Bigger doesn't always mean better – A more effective output has allowed the VIPER CUT 30 to clean cut up to 12mm Mild Steel, offering powerful performance from a machine with a 10A plug.

KEY FEATURES

- 10 AMP Plug
- 12mm Clean Cut / 14mm Severance
- Voltage Reduction Device
- Thermal Overload Protection
- Low-Frequency Start (Pilot Arc Start)
- Circle Cutting Kit Compatible
- Great Consumable Life

MACHINE PACKAGE: KUMJRV30

Standard option includes: VIPER CUT 30 Machine, Direct connect SC30 Plasma Torch 4m, Direct Connect 3M Earth Lead

TECHNICAL DATA

Power Supply / Phases (V-Ph)	240v - 1 +/- 15%
Duty Cycle @ 40°C as per AS/NZ60974-1	15% @ 30Amps
Rated Power (KVA)	7.5
Output Current Range (A) Plasma	20-30
Rated Output Voltage (V)	310
Insulation Class	F
Protection Class	IP21S
Plasma Arc Starting	Pilot Arc
Air Flow Draw Off (l/min)	170
Air Flow Pressure (Bar)	5-6 (70-87 psi)
Cutting Thickness - Clean (mm)	12
Cutting Thickness - Severance (mm)	14
Dimensions (mm)	460 x 160 x 320
Weight (kg)	11.6
Warranty	1 years machine only
Certification Approval	AS/NZ60974-1
Cuts	Steels, Stainless, Cast Iron, Brass, Copper. Aluminium

FRONT & REAR LAYOUT



FRONT PANEL LAYOUT



REAR PANEL LAYOUT



1	Mains Power LED
2	Over Current - Thermal Overload LED
	a. Abnormal or over current supply - LED ON
	b. Overheating of the machine - LED ON
3	Amperage Control Dial
4	Torch connection
5	Output connector, connect to the work piece
6	Regulator
7	Primary power input cable
8	On/Off switch
9	Air supply connector inlet connection
(Note: the air regulator must be set to 5-6 Bar and the air compressor you are using must be able to continually supply this pressure and a flow rate of 170 litres/min)	

WARNING
USE COMPRESSED AIR ONLY
WITH THIS MACHINE