

RAZOR CUT 80i

Plasma - 80 Amp Inverter Plasma Cutter

Cuts: Steels, Stainless, Cast Iron, Brass, Copper, Aluminum

RazorCut
PLASMA CUT80i

80 Amp - 1" clean Cut on Mild Steel Multiple voltage input Inverter Plasma Cutter Industrial Rated, Lightweight and Portable

Features

- Latest IGBT Inverter Technology
- CNC Connection
- Safe Euro torch connection
- High quality J100XC 19ft Plasma torch
- Industrial application
- Tolerant to variable power supply (+/- 10%)
- High quality pre-set regulator
- Suitable to cut all electrically conductive materials
- Light weight and compact
- Strong metal housing, with plastic front and rear covers
- Generator use with pure sine wave generator only



Technical Data

Items	Models			
	CUT80(L220)			
Rated input power supply	1~AC230V	3~AC230V	1~AC460V	3~AC460V
Frequency(Hz)	50/60			
Rated input capacity (KVA)	7.9		11.3	
Power factor (cos ϕ)	0.56	0.91	0.51	0.82
Rated output (A/V)	60/104		80/112	
Output current range (A)	20-60		20-80	
No-load voltage (V)	350			
Rated duty cycle (%)	40			
Arc ignition mode	NHF			
Post-flow time (S)	20			
Gas pressure range (Mpa)	0.4-0.6			
Insulation grade	B			
Cooling mode	Air cooling			
Enclosure ingress protection	IP21S			
Efficiency (%)	85			



50505
Sub-Micronic Cartridge
Option



50500
Sub-Micronic Air Filter
Option



Circle Cutting Kit
Option



Cutting Kit Parts option

Overview

The RAZORCUT80i 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 Industrial Plasma Cutter. The RAZORCUT80i produces a high temperature plasma stream providing effortless cutting of all electrically conductive materials including steel, cast Iron, stainless steel, copper, aluminum, brass etc . The RAZORCUT80i is equipped with a high quality J100XC Plasma torch with Euro connection, developed specifically to enhance and improve the cut quality of the RAZORCUT80i machine. Connection of the 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 RAZORCUT80i is an exceptional machine that is suitable for a wide range of applications including Industrial use, sheet metal fabrication, site work, automotive, ducting work, repair and maintenance services. The RAZORCUT80i gives you the best of both worlds great portability, with the power to get the job done.

Built to our specification and manufactured and approved to CSA/CAN

Product Code: JRW80i

Standard Package includes: RAZORCUT80i Machine, J100XC x 19ft Plasma Torch, Earth Lead 10ft, gas connection fitting

