



## 80 AMP PLASMA CUTTER

**80 Amp-1" Clean Cut on Mild Steel  
Multiple Voltage Input Inverter Plasma  
Cutter, Industrial Rated, Lightweight and  
portable CSA/CAN Approved..**



- Latest IGBT Inverter Technology
- CNC Connection
- Safe and easy to connect Torch system
- High Quality J100XC 19 Ft Plasma Torch
- Industrial Application Machine
- Multiple Input Voltages
- Tolerant to Variable Power supply
- High Quality Adjustable Air Filter Regulator
- Suitable to cut all Electrically Conductive Materials
- Light Weight and Compact
- Generator use with pure Sine Wave Generator only
- Fully CSA/CAN Approved
- Weighs only 35 Pounds (Machine)



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 $\phi$ )	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			

### Optional Extra's

Circle Cutting Kit



Air Filter



Machine Torch



The RazorCut 80i is an Inverter based Plasma cutting Machine using the latest IGBT Technology . This Plasma cutter is Reliable, Robust and stacked with many features that you would expect from a quality machine. The RazorCut 80i produces a high temperature plasma stream providing effortless cutting on all electrically conductive material including Steel, Cast iron, Stainless Steel, Alloys, Brass Etc. The machine is equipped with a J100XC quality cutting torch with a Central connection making it easy to take the torch off and on. This Pilot Arc torch provides effortless starting of the cutting process with powerful , fast and accurate cutting capabilities. This is an exceptional machine which has been rigorously tested and is certified and approved to CAN/CSA. The Machine is provided with a CNC port for use on CNC tables as standard and the multi voltage capability ensures that it can be used in most Geographical areas in North America. The Cut80i is designed for a wide variety of applications including Industrial use, Sheet Metal Fabrication cutting, Site Work, Automotive, repair and maintenance and anywhere else where a workhorse cutting machine is required.

**Code: JRW80i Standard Package Includes: Razorcut80i Machine, J100XC 19Ft Plasma Torch, Earth Lead , CNC Port and Standard U.S Air fitting.**