



# EVO Plasma CUT 45 PFC

ORDER CODE **EP-45**



The Jasic EVO CUT 45 is a high-performance digital inverter plasma cutter, engineered with advanced PFC technology for outstanding cutting performance.

Its ClearVision display ensures excellent visibility in any lighting, while the digital encoder allows precise and effortless parameter adjustment.

Built with a unique electrical architecture and Active Balancing Air Passage, the EVO CUT 45 delivers an extended duty cycle and exceptional reliability, even in the harshest conditions—further reinforced by its IP23 protection rating.

An auto sleep mode provides industry-leading energy efficiency, while the mesh cutting facility ensures smooth, consistent performance on mesh and perforated materials.

Optional extras include a TFT-LCD display, CNC wiring kit, and an integrated compressor, offering maximum flexibility to suit professional workshop and site applications.



## KEY FEATURES

- With in-built compressor
- Rugged, ergonomic design
- **ClearVision** technology
- Adaptable wide voltage range
- Welding engineer mode
- **SurePlasma** technology for consistent arc ignition performance with different torch lengths
- Mesh cutting, 2T/4T, non HF arc ignition and pilot arc
- Gas check, postflow time setting, cutting torch length setting
- Power factor correction (PFC), generator friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- Fan on demand
- Key power electronic component protection
- Overcurrent and overheat protection
- TFT screen (optional)

## TECHNICAL DATA

	AC 95-265V, 50/60 Hz	
	AC 115V	AC 230V
No load voltage	300V	
I <sub>eff</sub>	20A	11.5A
Rated input power	3.6kVA	5.3kVA
Current range	20-30A	20-45A
Arc starting	Non HF	
Rated duty cycle @ 40°C	25%	
Clean cut (carbon steel)/@400mm/min	6mm	15mm
Severance (carbon steel)	12mm	25mm
Efficiency	86%	
Power factor	0.99	
Idle state power	<50W	
Protection class	IP23S	
Insulation class	H	
Dimensions LxWxH	546 x 166 x 341mm	
Weight	10Kg	
Recommended generator size	5.5kVA	8kVA

## STANDARD ACCESSORIES

6m Hand Plasma Torch (JE60-6),  
3m Earth Clamp

## OPTIONAL ACCESSORIES

Compressor (EP-SC), TFT Screen (TFT- EP-45P),  
Circle Cutting Kit (51865)