



EVO Plasma CUT 80 Compressor

ORDER CODE **EP-80SC**

NEW



The Jasic EVO CUT 80SC is a high-performance digital inverter plasma cutter, designed with advanced inverter technology for exceptional cutting performance.

The EP-80SC comes complete with integrated compressor making it the ideal mobile solution where workshop compressed air is not available.

Its ClearVision display ensures excellent visibility in any lighting, while the digital encoder provides precise and effortless parameter adjustment. A robust electrical architecture delivers an extended duty cycle and outstanding reliability, even in the harshest conditions—reinforced by an IP23 protection rating.

Auto sleep mode ensures industry-leading energy efficiency, while the mesh cutting facility enhances performance when working with mesh and perforated materials.



KEY FEATURES

- Rugged, ergonomic design
- **ClearVision** technology
- **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
- 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
- USB Type-C port for software updates and device charging
- 14 Pin CNC interface
- Supplied with intergrated compressorand trolley

TECHNICAL DATA

Input Voltage	3PH, AC400V±15%, 50/60 Hz
Rated input power	13.9kVA
Rated input current I _{max}	18.7A
Rated input current I _{eff}	11A
Current range	20-80A
Rated OCV	310V
Rated duty cycle @ 40°C	80A @ 40%
Clean cut (carbon steel)/@400mm/min	20 mm
Severance (carbon steel)	30 mm
Pierce cut	18 mm
Minimum air pressure	3 Bar (43psi)
Minimum gas flow	5.1CFM (145 Ltr/min)
Efficiency	≥85%
Idle state power	≤50W
Power factor	≥0.9
Protection class	IP23S
Insulation class	H
Arc ignition	Non HF
Dimensions LxWxH	626 x 230 x 734mm
Weight	42Kg

STANDARD ACCESSORIES

6m UPH-125 Cutting Torch (05921CX), 3m Earth Clamp, Compressor (AP-140), Trolley (TR-03)

OPTIONAL ACCESSORIES

14 Pin CNC Plug (51006273), Circle Cutting Kit (51865)