

EVO Plasma CUT 100

ORDER CODE **EP-100**

 **JASIC** | EVO Series



The Jasic EVO CUT 100 is a high-performance digital inverter plasma cutter, designed with advanced inverter technology for exceptional cutting performance.

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.

Configured with a CNC interface as standard, the EP-100 is the perfect solution for automated systems, workshops, or demanding site applications, and can also be paired with an integrated compressor for added flexibility.



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
- Optional intergrated compressor

TECHNICAL DATA

| | |
|--------------------------------------|---------------------------|
| Input Voltage | 3PH, AC400V±15%, 50/60 Hz |
| Rated input power | 16.5kVA |
| Rated input current I _{max} | 21.3A |
| Rated input current I _{eff} | 13.5A |
| Current range | 20-100A |
| Rated OCV | 310V |
| Rated duty cycle @ 40°C | 100A @ 40% |
| Clean cut (carbon steel)/@400mm/min | 30 mm |
| Severance (carbon steel) | 40 mm |
| Pierce cut | 22 mm |
| Minimum air pressure | 5 Bar (73psi) |
| Minimum gas flow | 7.7CFM (220 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 416mm |
| Weight | 23Kg |

STANDARD ACCESSORIES

6m UPH-125 Cutting Torch (05921CX),
3m Earth Clamp

OPTIONAL ACCESSORIES

Compressor (AP-140), Trolley (TR-03),
14 Pin CNC Plug (51006273),
Circle Cutting Kit (51865)

* Generator must have AVR

NEW