



CUT 80

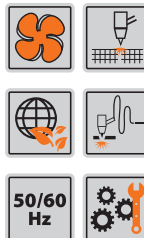
Key Features

- Rugged, ergonomic design
- **ClearVision** technology
- HF stabilising 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 integrated compressor



Technical Data

EP-80	
Input voltage	3PH, AC400V±15%, 50/60Hz
Rated input power	12.5kVA
Rated input current I _{max}	16A
Rated input current I _{eff}	10A
Current range	20-80A
Rated OCV	310V
Rated duty cycle @ 40°C	80A @ 40%
Clean cut (carbon steel)/@400mm/min	25mm
Severance (carbon steel)	35mm
Pierce cut	20mm
Minimum air pressure	5 Bar (73psi)
Minimum gas flow	7.1CFM (200 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	22Kg



Standard Accessories

6m UPH-125 Cutting Torch
3m Earth Clamp

Optional Accessories

Compressor
Trolley
14 Pin CNC Plug

* Generator must have AVR