



CUT 100

CUT

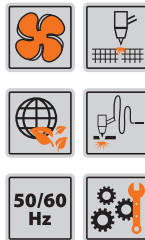
## Key Features

- 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 intergrated compressor



## Technical Data

| EP-100                               |                           |
|--------------------------------------|---------------------------|
| Input voltage                        | 3PH, AC 400V±15%, 50/60Hz |
| Rated input power                    | 16.5kVA                   |
| Rated input current I <sub>max</sub> | 21.3A                     |
| Rated input current I <sub>eff</sub> | 13.5A                     |
| Current range                        | 20-100A                   |
| Rated OCV                            | 310V                      |
| Rated duty cycle @ 40°C              | 100A @ 40%                |
| Clean cut (carbon steel)/@400mm/min  | 30mm                      |
| Severance (carbon steel)             | 40mm                      |
| Pierce cut                           | 22mm                      |
| 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  
3m Earth Clamp

### Optional Accessories

Compressor  
Trolley  
14 Pin CNC Plug

\* Generator must have AVR