

## PLASMA CUT 100

Inverter Based Air Plasma Cutting



3  
PHASE

50/60  
HZ

415V

DC

PORTABLE

- Easy starting with pilot arc allows easy cutting of rusty and painted metals
- Cuts virtually any type of metal with ease
- Simple to use torches with inexpensive service parts and consumables
- Arc parameter electronic control for an excellent cutting quality
- Distortion free, burr free, narrow kerf width, clean cut
- Cutting parameters stability within  $\pm 20\%$  mains voltage fluctuations for long lasting consumable parts

- Post flow cooling allows the torch to cool down after the cut for longer torch life
- Energy efficient outfit, built in with high efficiency and high power factor power source, saves power consumption and reduce energy bills up to 30%
- Air filter cum regulator assembly provided as a standard accessories to ensure clean cut, compressed air for excellent cut quality
- Air pressure safety switch for 'Fail Safe' cutting
- Separate selector switch for checking 'Air Pressure'

| Specification                        | Unit       | CWP-CUT100      |
|--------------------------------------|------------|-----------------|
| Input voltage                        | Volts      | AC415 $\pm$ 15% |
| Phase                                | No         | 3               |
| Frequency                            | Hz         | 50/60           |
| Max input KVA@100% duty cycle        | KVA        | 14.5            |
| Rated input current                  | Amps       | 23              |
| Open circuit voltage                 | Volts      | 290             |
| Cutting current range                | Amps       | 20-100          |
| Cutting current @60% duty cycle      | Amps       | 60              |
| Power factor                         | Cos $\phi$ | 0.93            |
| Efficiency                           | %          | 85              |
| Degree of protection                 | Class      | IP23S           |
| Insulation                           | Class      | H               |
| Air pressure required                | psi        | 60-75           |
| Fine cutting thickness capacity      | mm         | 20              |
| Severance cutting thickness capacity | mm         | 25              |
| Cooling                              | Type       | Forced Air      |
| Dimensions (LxWxH)                   | mm         | 550x280x545     |
| Weight (approx)                      | Kg         | 36              |