

PLASONIC

(011) 393 – 3921/2 / (031) 822 3921

MULTI-
PROCESS

2 YEAR
WARRANTY

100% DUTY
CYCLE @ 40°C

MICRO-
PROCESSOR



MADE IN
SOUTH AFRICA

300A cc/cv 450A cc/cv

MULTI-PROCESS DC WELDING INVERTER

The Plasonic range of multi-process, inverter based welding machines, are microprocessor controlled. These microprocessors reduce the component count, provide greater output consistency, and are capable of memorizing, multiple welding parameters simultaneously.

FEATURES

- ★ **Versatile Multi-process Capability** - Including Stick, Lift TIG DC, MIG, flux-cored welding and carbon arc gouging up to a 9.5mm carbon.
- ★ **High Duty Cycle** - Designed to deliver 100% duty cycle at maximum current with ambient temperatures up to 40°C.
- ★ **TIG Arc Control Menu** - An easy start Lift/Tig arc initiation. The start / finish current, the up and down slopes, the pre and post gas flows, can all be adjusted. There is also a pulsing feature, for welding of thin materials.
- ★ **Manual Metal Arc Control Menu** - When performing manual metal arc welding, the arc can be adjusted to obtain a softer or more aggressive arc characteristic.
- ★ **MIG Arc Control Menu** - The rate of current rise and fall in the MIG mode can be controlled to reduce spatter, improve fluidity, and to enhance bead appearance.
- ★ **Digital Amp and Volt Meters** - Bright display of welding parameters, both presentable and actual.
- ★ **Unique Cooling System** - The "tunnel" cooling design, protects critical components and printed circuit boards free from dust.
- ★ **Robust Construction** - Components are securely mounted to enable the machine to operate in hazardous environments, including being mounted on generator sets.
- ★ **Two Year Warranty** - Warranty on all parts and labour.

AVAILABLE OPTIONS

Wire Feeder



Water Cooler



Undercarriage Remote Control



Foot Pedal



Volt Loc
VRD



Welding Safety



| Technical Specifications | 300A cc/cv | 450A cc/cv |
|---------------------------|---------------|---------------|
| Input Voltage | 360V - 575V | 360V - 575V |
| Input Current | 22.7A - 14.2A | 40.4A - 25.3A |
| Rated Output Voltage | 32V | 38V |
| Rated Output Current | 300A | 450A |
| Duty Cycle @ 40°C Ambient | 100% | 100% |
| Dimension - W x H x L mm | 350x370x620 | 350x370x620 |
| Weight | 31kg | 31kg |