

TRIDENT

250

100% DUTY
CYCLE @ 40°C

MICRO-
PROCESSOR

TRIPLE -
PROCESS

2 YEAR
WARRANTY



STAR
WELD

WELDING
PRODUCTS

MADE IN
SOUTH AFRICA

TRIDENT 250



**TRIPLE-PROCESS
DC WELDING INVERTER**

The Starweld Trident is a Triple Process Compact Machine, that is capable of DC Stick, DC HF Tig and Mig welding. This machine is ideal for Training centres, and customers wishing to perform multiple welding functions with one machine. The machine has a built-in wire feeder and has all the DC HF Tig welding functions offered in the Alfatic Range.

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 presetable 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

Water Cooler



Undercarriage



Remote Control



Foot Pedal



Volt Loc
VRD



Welding Safety



Technical Specifications

Trident 250

Input Voltage	380 V
Input Current	
Rated Output Voltage	
Rated Output Current	250A
Duty Cycle @ 40°C Ambient	100%
Dimension - W x H x L mm	450x390x500
Weight	42kg