

ALFATIG

300 AND 450

MULTI-
PROCESS

2 YEAR
WARRANTY

100% DUTY
CYCLE @ 40°C

MICRO-
PROCESSOR

**STAR
WELD** ★

**WELDING
PRODUCTS**



MADE IN
SOUTH AFRICA

The Starweld 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, High frequency TIG, 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.
- ★ **2T/4T Trigger Control** - Easy selection between 2T and 4T operating modes.
- ★ **TIG Arc Control Menu** - An easy high frequency 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

Wire Feeder



Water Cooler



Undercarriage



Remote Control



Foot Pedal



Volt Loc
VRD



Welding Safety

**STAR
WELD** WELDING
PRODUCTS

Sassda
MEMBER



Technical Specifications	Alfa Tig 300	Alfa Tig 450
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