

ALFATIG

300 AND 450

MULTI-
PROCESS

2 YEAR
WARRANTY

100% DUTY
CYCLE @ 40°C

MICRO-
PROCESSOR

**STAR
WELD** ★

**WELDING
PRODUCTS**



VINCENT INDUSTRIAL SUPPLIES

P.O. BOX 1249
WITBANK
1035

R.D. VINCENT (PTY) LTD REG. NO. 1975/004192/07 Trading as:

48 INDUSTRIA CRESCENT
EXTENSION 25
WITBANK

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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



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