



# Orion 600



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. They are microprocessor controlled, which reduce the component count and increase the output consistency, and are capable of memorizing, multiple welding parameters simultaneously.**

## FEATURES

- ★ **Versatile Multi-process Capability** - Including DC Stick, Lift TIG, Solid and flux-cored Mig welding and carbon arc gouging up to a 13.5mm carbon.
- ★ **High Duty Cycle** - Designed to deliver 100% duty cycle at maximum current with ambient temperatures up to 40°C.
- ★ **High Open Circuit Voltage** - A powerful 72 Volts, is ideal for Air Carbon Arc Gouging.
- ★ **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.
- ★ **Adjustable Inductance Control** - 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.
- ★ **Portable and Robust** - Due to the inverter technology the Starweld range of equipment is extremely lightweight and energy efficient.
- ★ **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	ORION 600
Input Voltage	380V
Input Current	59A
Rated Output Voltage	44V
Rated Output Current	600A
Duty Cycle @ 40°C Ambient	100%
Dimension - W x H x L mm	355 X 440X 510
Weight	48.5KG