



# 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