

SIGMA

315

MULTI -
PROCESS

2 YEAR
WARRANTY

100% DUTY
CYCLE @ 40°C

MICRO -
PROCESSOR

STAR
WELD ★

**WELDING
PRODUCTS**



MADE IN
SOUTH AFRICA

The Starweld Sigma is a triple process compact machine, that is capable of DC Stick, DC Lift-TIG and MIG welding. This machine is ideal for training centres, sheetmetal fabrication, and customers wishing to perform multiple welding functions with one machine. The machine has a built-in wire feeder.

FEATURES

- ★ **Versatile Multi-process Capability** - Including Stick, Lift-TIG DC, MIG, flux-cored welding.
- ★ **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 finish current, the down slope, the 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 presettable 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

Volt Loc
VRD



Welding Safety

Technical Specifications	Sigma 315
Input Voltage	380 V
Input Current	24.6A
Rated Output Voltage	30.75V
Rated Output Current	315A
Duty Cycle @ 40°C Ambient	100%
Dimension - W x H x L mm	350x720x800
Weight	56kg