

Application :	Processes :
Aerospace	GTAW (TIG)
Shipbuilding	GTAW-P (Pulsed TIG)
Pipe & Tube Fabrication	SMAW (Stick)
Aluminium Fabrication	

Features :

- IGBT Inverter Technology.
- Digital Microprocessor Controlled function.
- HF arc ignition.
- AC Waveforms Square / Sine / Triangular
- Pre & Post Gas Flow Function.
- Up & Down Slope Function.
- Initial & Crater Current Selction.
- Pulse Frequency.
- % ON Time
- Base Current Selection
- 2T / 4T Function
- AC Frequency Adjustment.



Technical Data :

Input Voltage	Input Power	Output Range	Rated Output	OCV	Dimension	Weight
374 - 457 V	11 kVA	10 - 315 A	315 A @ 60% duty cycle	78 VDC	L : 635 mm W : 340 mm H : 770 mm	61.5 Kg.

Control Panel - Pulse TIG Data :

Pulse Frequency	% Duty Ratio	Base Current
0.1 - 20 Hz	10 - 90%	10 - 315 A

Control Panel - AC TIG Data :

AC Frequency	Cleaning Depth Control	Cleaning Width Control
20 - 200 Hz	-50 - +50%	10 - 90%

Control Panel - Sequencer Data :

Gas Pre-flow	Up Slope Time	Initial Current	Crater Current	Down Slope Time	Gas Post-flow
0.1 - 10 sec	0.1 - 10 sec	10 - 315 A	10 - 315 A	0.1 - 10 sec	0.1 - 10 sec

Standard Package :

CC Power Source - 3 m Earthing Cable with Clamp - 4 m Water Cooled TIG Torch - Argon Regulator with Flowmeter.