



AUWELD HYBRID DIGITAL TIG 400I Pulse Welding Machine 3PH/415V

Description

The **TIG 400I AC/DC** offers more than you would expect from a welder this size. It packs the full punch of a heavyweight professional that you can take to the most demanding job sites.

Specification

Model	TIG 400I AC/DC Pulse	
Welding Process	MMA (SMAW)	TIG (GTAW)
	Three Phase	
Input Power Voltage (V)	AC 415V±10% (50/60 Hz)	
Input Voltage Frequency (Hz)	50/60	
Rated Input Power Capacity (kVA)	15	10.6
Output Current Voltage (A)	40 – 350	5 – 350
No-Load Voltage (V)	77	
Duty Cycle (%)	60 @ 40°C	
Post-Gas Time (%)	—	0 – 10
Pre-Flow Time (s)	—	0 – 10

Model	TIG 400I AC/DC Pulse	
Spot Welding (s)	—	0 – 10
Up-slope (s)	—	0 – 10
Down-slope (s)	—	0 – 10
Hot Start Current (A)	—	10 – 350
ARC-Striking Current (A)	—	5 – 350
ARC-Ending Current (A)	—	5 – 350
Base Current (A)	—	5 – 350
Peak Current (A)	—	5 – 350
Clear Width (%)	—	10 – 90
Clear Depth (%)	—	-50 – +50
Pulse Width (%)	—	10 – 90
Pulse Frequency (Hz)	—	0.1 – 20
AC Frequency (Hz)	—	20 – 200
Weight (kg)	40	
Dimension (mm)	622 x 280 x 480	
Industrial Application	Shipyard, Oil & Gas	

Features

- **Microprocessor control**; simple operation, more perfect welding performance.
- **The unique air duct design**; failure rate greatly reduced, extending the service life of the machine.
- **Comprehensive protecting function**; with the protection of over voltage, under voltage, against lightning stroke, over current, over heat etc.

- **Pulsing adds arc stability**; reduces heat input, warpage and able to increase travel speeds.
- Good arc stiffness, strengthening welding energy. Strong reverse cleaning ability, wide clear width, welding continuously without arc breaking at small current.