

CHAMPTIG 300 AD

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APPLICATIONS

- Recommended for DC TIG welding of ferrous metals and alloys like MS, SS and AC TIG welding applications of nonferrous metals like Aluminum, Magnesium etc
- Suitable for uses within fabrication shops like railway workshops, coach building factories, Shipyards, steel plants, construction of power plants, refineries, cement plants etc as well as project sites
- TIG welding equipments and process are ideally recommended for precision welding of thin sheets, tube to tube and tube to sheet welding, X-ray quality welding and other welding applications where finish of welded jobs is very important

SALIENT FEATURES

- Inverter (IGBT) based, energy efficient TIG welding outfit with built-in HF, for medium and heavy duty welding applications
- High power factor, high efficiency power sources, resulting over 30% energy savings compared to thyristorised power sources
- Power source provided with protections against Over voltage, Under Voltage, Over load and Single phasing
- Most compact and light weight TIG outfits ideally suitable for within shopfloor and project sites - easy mobility at project sites
- Welder friendly operation -easy selection of processes like MMA, DC TIG, AC TIG and MIX TIG processes, adjustment of welding parameters provided on the front panel
- Option of foot control switch available for easy adjustment of current while welding to control the heat input for precision welding applications

BRIEF SPECIFICATIONS:

MODELS	UNIT	CHAMPTIG 300 AD
Supply voltage	Volt	415
Phase	No	3
Input KVA @ 100% Duty cycle (MMA, DC TIG, AC TIG)	KVA	11.8, 11.0, 12.0
Open circuit voltage	Volt	90
Welding current range (MMA,DC TIG, AC TIG)	Amp	20-250, 10-300, 25-300
Welding current @ 60% Duty cycle (MMA,DC TIG, AC TIG)	Amp	250, 300, 300
Type of cooling	Type	Forced Air
Class of insulation	Class	F
Dimensions (LxWxH)	mm	615x315x570
Weight (approx.)	Kg	50
Water cooling unit	Model	WCU 30
TIG Torch	Model	TIG 300-4.5



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ADOR WELDING LIMITED
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