

TIG 3610 AC/DC



MAIN FEATURES

- In **TIG AC** mode, it welds aluminium and magnesium as well as ferrous materials, stainless steel, copper and titanium in **TIG DC** mode.
- In **AC** mode, **frequency can be adjusted**.
- In **TIG AC** mode, it automatically recalls the welding program relative to the diameter of the electrode in use.
- **Penetration and cleansing** of welding bath are **adjustable**.
- Suitable to weld in **MMA-SMAW** mode both rutile and basic electrodes.
- **Pulsed arc function** to reduce thermal alteration and simplify welding of thin sheets.
- **4-time bi-level, 4-time tri-level and 4-time with SWP programme** functions.
- Preset for the use of **water cooled torches**.
- Optional **remote controls**: foot-operated, hand-operated with knob or torch-mounted up-down control.
- In **TIG** welding, either **HF Start** or **Contact Start** can be selected.
- Up to **9 welding programs** can be stored in the memory and easily recalled.
- **Microprocessor** control.
- Possibility to be connected to motor-driven generators.
- Possibility to activate a security **PASSWORD**.

Three-phase (MULTI VOLTAGE) **AC/DC inverter** power source for TIG welding with high frequency and MMA-SMAW welding.

TIG AC/DC INVERTER POWER SOURCE

TECHNICAL DATA

	Code	S00132			
	Item	TIG 3610 AC/DC			
	Installation power	8,4 kW			
		MMA			
	Input voltage	3x208/220/230V 50-60Hz	3x400/440V 50-60Hz	3x208/220/230V 50-60Hz	3x400/440V 50-60Hz
	Absorbed power	35% 60% 100% 8,1kVA 7,2kVA 6,5kVA	35% 60% 100% 8,7kVA 7kVA 6,2kVA	35% 60% 100% 9,4kVA 7,8kVA 7kVA	40% 60% 100% 9,7kVA 8,3kVA 7,3kVA
	Welding current	5 ÷ 280 A	5 ÷ 350 A	10 ÷ 240 A	10 ÷ 280 A
	Duty cycle	35% 60% 100% 280A 245A 220A	35% 60% 100% 350A 280A 250A	35% 60% 100% 240A 200A 180A	40% 60% 100% 280A 240A 210A
	Electrodes	Ø mm 1,6 ÷ 6			
	Stepless regulation	ELECTRONIC			
	Protection class	IP23			
	Insulation class	H			
	Construction standards	EN60974-1 EN60974-10			
	Dimensions	330x600x540h mm			
	Weight	39 kg			