

TIG - TIG PULSED – MMA WELDING TECHNOLOGY

TIG 1600-3200 AC/DC

INVERTER RANGE

- **Main applications:** Worksites - Plumbing – Boiler-works – Maintenance and repair even in places which are difficult to access – Production in medium-light metal frames.
- **Weldable material:** further than iron, stainless steel, copper, titanium and alloys, inverter TIG AC/DC range has been studied for an AC quality welding of aluminum
- **Welding process:** TIG DC and AC; TIG PULSED; MMA with coated electrodes (except cellulose-made).
- Light and compact
- Excellent duty cycle, ideal for a professional use
- MMA/TIG selector
- Lift arc
- Pre-arrangement for automatic welding

ICEB TIG AC-DC welding generators... ...born for Aluminum welding.

Pilot lamp for main switch

Pilot lamp for overheating

2 – 4 Times

By a selector, is possible to set the torch pushbutton in standard 2 times work (pressure-on, release-off) or in automatic 4 times (pressure and release-on, pressure and release-off)

Slope up and slope down

Post-gas

Arc striking by HF

HOT START function gets easier the starts in welding thanks to a current increase while striking the arc

Automatic device for the anti-sticking of the electrode from the piece to weld

Lift arc

Thermic sensor

Forced air cooling

Pre-arrangement for remote control



TIG 3200 AC-DC

The low absorption current allows the use of the domestic line of power supply

Studied with INVERTER technology



All ICEB generators, CE marked, are conform to standards for electrical and for electro-magnetic compatibility (EN 60974-1, IEC 947-1, EN 50192, EN 50199)



Pedal control



Remote control



Pulsation control



Thanks to the low weight, these generators can be moved by hand



ACDC current output



TIG 3200 AC-DC model is also available with torch cooling system by liquid integrated inside the trolley

TECHNICAL DATA		TIG 1600 AC/DC	TIG 3200 AC/DC
Main voltage	Ph x V	1x230	3x400
Maximum absorbed current	A-230V	27	/
	A-400V	/	22,3
Primary fuse	A	20	20
Current range from..to.. (2)	A	5-160	8-320
Max no-load voltage	V	50	95
Duty cycle	A	160 (60%) 140 (100%)	320 (60%) 250 (100%)
Diameter of usable electrodes from..to..	mm	1,5 – 4,0	1,5 - 6,0
Protection class	IP	23	23
Size (length - width - height)	mm	430x230x435	450x430x230
Weight	Kg	17	21

ACCESSORIES



ECONOMICAL KIT OF ACCESSORIES: composed by mask, ground cable, electrode holder cable, pick-hammer, brush, glass - Cod. ord. ACC2KITS0000



Argon gas reducer with flowmeter and manometer



Binzel TIG Torches Air or liquid cooled

Ci riserviamo di apportare le modifiche opportune senza l'obbligo di tempestivo preavviso - We reserve the right to make changes without prior notice



www.icebsaldatrici.com

E-mail: iceb@icebsaldatrici.com

ICEB SALDATRICI SRL - VIA ROSSINI 20-22 - 40050 VILLANOVA (BO) - ITALY

Tel +39 051 781727 - Fax +39 051 781537

Rivenditore Autorizzato