

## WALTER 400 AC/DC MIX – Industrial Welder for Professionals in Construction and MetalWorks

**WALTER 400 AC/DC/MIX/HF/PULSE**  
– DC PULS, AC/DC PULS, AC/DC MIX+, AC/DC MIX-, MMA/CELL/BAS – A welder that can do anything.

A portable singlephase IGBT inverter. Absolute control of welding current through microprocessor unit. Easy setup of welding parameters thanks to our Magic Wand™. Durability in harsh operating conditions. Very high duty cycle (300A/100%). Can work on a generator. Uninterrupted work in conditions of very poor power supply network. HF-Arc Ignition. Program for spot (tack) and micro-spot welding. Pulsed DC-TIG, AC double pulse and AC/DC+ and AC/DC- MIX TIG welding. DC TIG welding with currents below 5A. HOT-START and ANTI-STICK for MMA welding. Stick welding with cellulosic, basic, aluminum and inox flux coated electrodes, up to 5mm. 30 memory slots for complete welding programs.



<b>WALTER400 AC/DC MIX</b>		<b>AC/DC TIG400</b>
Input Voltage	3ph	3x400V
Input Volt. Frequency	Hz	50/60Hz
Input Power	kW	15
Fuse 220/230	T/A	25

Welding Current TIG	A	1 - 400A
Welding Current MMA	A	10 - 350A
O.C.V. TIG	V	10V
O.C.V. MMA	V	80V
Arc Voltage: TIG	V	11V - 38V
Arc Voltage: MMA	V	22V - 40V
Duty Cycle at 40°C	%	400A/350A/40%
TIG/MMA		350A/280A/60%
		300A/250A/100%

Arc Ignition		HF
AC/DC mode		yes
Pulse Frequency (DC)	Hz	0.1Hz – 10kHz
Pulse Frequency (AC)	Hz	20Hz – 1000Hz
Duty Cycle/AC Balance	%	10% - 90%
Start/Stop Current	sec	0.1s - 20s
Upslope/Downslope Curr.	sec	0.1s - 20s
Pre/Post gas	sec	0.1s - 20s
LED Digital Display	LCD	LCD 128x64

Memory		30 slots
Remote control/foot pedal		yes
Remote control/TIG torch		yes
Mechanical Protection Class	IP	23
Dimensions	mm	225x380x540
Weight	kg	25

**Application – Aluminum, Constructive and Stainless Steels, Copper, Titanium.**

TIG AC/DC: Aluminum from 0.2mm up to 25mm.

TIG DC: Steels from 0.2mm up to 45mm.

MMA: All types of electrodes from fi1 up to fi5. **Cellulosic electrodes up to 6mm.**

### TECHNICAL CHARACTERISTICS - WALTER 400 AC/DC:

- MAGIC WAND - single click setup.
- DC pulse from 0.1Hz up to 990 Hz.
- AC pulse from 20Hz up to 990 Hz.
- Programable asymeric AC pulse.
- MIX functions (programable mixing DC and AC phases)
- Programable variable AC PULSE.
- 1A minimum DC current.
- 2A minimum AC current.
- Spot and microspot in DC and AC mode. Programable single flash (0.05sec - 20sec).
- 10-90% AC Duty Cycle.
- Diesel generator friendly.
- 100% duty cycle at 350A.
- Programmable start, upslope, downslope and stop currents.
- Programmable pre/post flow of the protective gas.
- Digital measurement of device temperature, and automatic protection.
- 2-stroke and 4-stroke modes of TIG welding.
- User interface with LCD display 128x64 pixels.
- Can memorize up to 30 TIG welding programs.

### Accesories for WALTER 400 AC/DC/MIX/HF/PULSE

- TIG torch WP26 – 4m. Water cooled.
- Cable for MMA welding, including electrode holder
- Cable for earthing, including clamp
- Option: Foot pedal for remote control
- Option: Remote control TIG torch

Zavarivanje Ltd. is proud to be the recipient of "A Step Into the Future" Special Recognition Award at the 53rd Belgrade international fair of technology and technical accomplishments for **WALTER 220 AC/DC** industrial welder in the cathogory of electrical engineering and industrial electronics.