

# TIG AC/DC WELDER

## ● Heavy Industrial

## TIG AC/DC 501 PULSE

**TIG AC/DC 501 PULSE** – The TIG AC/DC 501 Pulse is a powerful and intelligent welding machine. This unit is capable of either AC or DC TIG welding (stainless steel, mild steel or aluminum) or Stick welding. The TIG AC/DC 501 Pulse has advanced TIG welding parameters that allow the user to fine-tune the TIG welding process to meet a variety of applications. This combination of a high duty cycle and an easy to use interface, make it the perfect choice for production TIG welders who demand the best all day every day.

## FEATURES

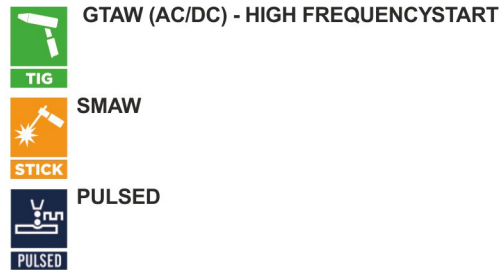
- Digital adjustment of all the welding parameters.
- Digital ammeter and voltmeter with welding current presetting and Hold Function of the last read value.
- Digital ammeter with welding current presetting.
- Full monitoring of the welding parameters.
- Welding process selector: TIG AC- TIG DC- TIG DC "Lift" – MMA.
- Welding mode selector: 2 Stroke – 4 Stroke – Cycle – Spot Timer.
- Personalized welding programs can be memorized.
- Pulse TIG welding adjustable from 0.5 up to 200 Hz with available "Easy Pulse" feature.
- AC square wave balance and Balance Plus.
- AC square wave frequency adjustment.
- Tungsten rod diameter presetting for a better control of the arc striking and arc dynamics.
- Wave selector: Square – Mixed – Sinusoidal – Triangular.
- Optional software customization as an extra feature.
- Comprehensive 3 Year Warranty.



## LIQUID-COOLED



## PROCESSES



### TIG AC/DC 501 PULSE Technical Specification

Three phase input 50/60 Hz (V)	(400-480 V) ±10% (575 V Optional)
Input power 50/60 Hz (KVA)	17.9 KVA
Delayed Fuse (I2 @ 100%) (A)	20 A
Power factor / cos	0.95 / 0.99
Efficiency Degree	0.76
Current range	5 - 500 A
Welding Current @ 100% Duty Cycle in 104° F (40° C)	310 A
Welding Current @ 60% Duty Cycle in 104° F (40° C)	400 A
Welding Current @ 35% Duty Cycle in 104° F (40° C)	500 A
Facility of software customization	Yes
Weight : lb (Kg)	117 lb (53 Kg)
Dimensions Including Handle (D,W,H) : inch (mm)	28.2 x 11.8 x 20.7 inch (715 x 300 x 525 mm)

CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE

### Available Model :

TIG AC/DC 501 PULSE (CWP004088A)









### What Is Included

#### TIG AC/DC 501 PULSE

ITEM	PART NO.	
TIG AC/DC 501 PULSE	CW004088A	
Ground Clamp Set (500 A - 10 ft), AWG 2	ALP2280503	
Electrode Holder Set (500 A - 10 ft), AWG 2	ALP2280097	
TIG Torch Water Cooled (18 SERIES)	CWSG18SC-S1-12-4M	
Regulator	CWFM-250-60CF-AR	
Gas Welding Hose	TLJ1080191	
TIG Consumable Kit	ALPTORCHCON18	
Cooling Unit	CW032092-A	
Welder Cart CT 70	CW234914	

### OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Ground Clamp Set (500 A - 20 ft), AWG 2	ALP2280504		Classic Duty Welding Helmet Series	CWELITE-550S-BLK	
Electrode Holder Set (500 A - 20 ft), AWG 2	ALP2280101		Premium All-Function Welding Helmet Series	CWPOWER-980S-BLK	
TIG Torch Water Cooled (18 SERIES)	CWSG18SC-S1-25-8M		Premium All-Function Welding Helmet Series	CWPOWER-980S-CO	
Superior True-View Welding Helmet Series	CWPOWER-990T-BLK	