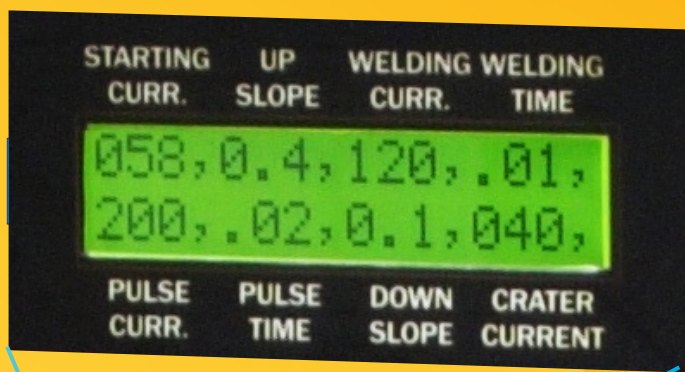


Salient Features:

- AC Tig, DC Tig, AC Pulse Tig, DC Pulse Tig and Arc Welding modes.
- Digital Keypad for Exact setting of Pulse parameters
- H.F. Ignition
- Power Saving High Efficiency
- Power Factor Near Unity
- Based On Digital Inverter Technology
- Reliable IGBT Powered
- Constant Current During Near And Far Welding
- Compensation Of Supply Volts
- Generator Compatible
- Light Weight, Easy To Carry
- Heavy Duty For Continuous Work
- Wide Supply Voltage Range

# AC/DC PULSE TIG



*With Powerful INDIAN Torch*

**Model : ACDC-P400**

- The AC/DC inverter Pulse Tig welding machines are fully digital controlled and H.F. start. The Power control is based on fast switching IGBT devices. Suitable for high quality Aluminum welding. The digital display with keypad in front of machine helps better and exact setting of Pulse Tig parameters, Pre and Post Flow time. Machine have six modes AC plane Tig, AC pulse Tig, DC plane Tig, DC Pulse Tig, DC manual arc welding and AC manual arc welding.
- These machines are designed and developed in our company. We test all machines individually for duty cycle and performance. These machines are suitable for work on generator.
- These new technology machines have good output characteristics, Silent, smooth and stable arc from the small current to rated current for welding of various thickness jobs.
- Better square wave output for cleaning weld pool during aluminum and brass welding

#### Advantage:

The main advantage of AC/DC Pulse TIG welding is that it is suitable for clean welding of Aluminum and Brass.

#### Application:

Applicable in good welding of Aluminum, Aluminum Aloys, Brass, Copper Mild Steel, Stainless Steel, Alloy Steel, Nickel, Silver, Lead, Titanium and many others.

#### Field of Use:

The principal area of use is for welding thin and medium thicknesses of metals in industries like Machinery and Plant Construction, Cycle Part, Auto Parts, Kitchen Utincils and Fabrication of Door, Window and Railing.

### **TECHNICAL SPECIFICATIONS:**

ITEM	UNIT	ACDC-P400	ACDC-P500
Supply	Volt,Ø,Hz	415	415
Max. Load	KVA	13	17
Power Factor	Cos Ø	.99	.99
No-load Volt	Volt	70	75
Pre-flow	sec.	0.1 to2	0.1 to 2 sec.
Starting Current	Ampere	30 to 300	40 to 400
Weld Current	Ampere	30 to 300	40 to 400
Pulse Current	Ampere	30 to 300	40 to 400
Crater Current	Ampere	30 to 300	40 to 400
Up-slope	sec.	0.1 to 5.0	0.1 to 5.0
Down-slope	sec.	0.1 to 5.0	0.1 to 5.0
Welding Time	sec.	.01 to 1.0	.01 to 1.0
Pulse Time	sec.	.01 to 1.0	.01 to 1.0
Post-Flow	sec.	0.1 to 10.0	0.1 to 10.0
Duty TIG	%	80	80
Duty MMA	%	60	60
Control	Type	DIGITAL	DIGITAL
IP	Class	21	21
Weight	Kg	41	46
Dimension	L X W X H (cm)	61 X 32 X 56	61 X 32 X 56

Accessories: Tig Torch 4m, Work lead 2m, Argon Regulator & Flow-meter

# SOHAL ELECTRIC WORKS

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