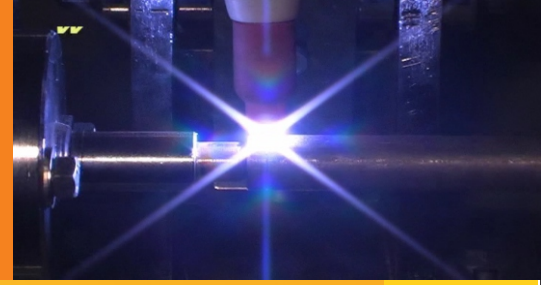


Sohal



Salient Features:

- AC / DC Output Selection
- Tlg / MMA machine selection
- AC Square Wave Output
- H.F. Ignition
- Power Saving High Efficiency
- Power Factor Near Unity
- Based On Digital Inverter Technology
- 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
- Over-current & Over-heat Protected
- Very Low Stand-by Current

AC/DC TIG

With Powerful INDIAN Torch

For: Aluminum, Brass, Copper,
Mild Steel, Stainless Steel,
Titanium etc.



Reliable Moduled IGBT Powered

Model : ACDC500

- Inverter TIG welding machines gained popularity due to their power saving nature, better power factor, good arc and better constant current features over all previous techniques. And it takes less space and light weight.
- The IRT series 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 both high quality Plane Tig, and manual arc welding. The digital display with potentiometer in front of machine helps better and exact setting of Tig current, Pre-flow and Post-flow time. The machine have two modes plane and 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 Pulse TIG welding is the huge range of different metals & alloys and specially best for thin parts.

Application:

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

Field of Use:

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

TECHNICAL SPECIFICATIONS:

ITEM	UNIT	ACDC400	ACDC500
Supply	Volt,Ø,Hz	415	415
Max. Load	KVA	13	17
Power Factor	Cos Ø	.99	.99
No-load Volt	Volt	70	75
Weld Current	sec.	30 to 300	40 to 400
Pre-flow	A	0.1 to 2	0.1 to 2
Post-Flow	sec.	0.1 to 10	0.1 to 10
Duty TIG	%	100	100
Duty MMA	%	60	60
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

1) IGBT's are advance version of mosfet's

SOHAL ELECTRIC WORKS

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