

# Sohal



## INVERTER WELDING



**Power Saving Inverter Welding Model : IR250**

**DURABLE DESIGN WITH 3-LEVEL PROTECTION OF IGBT's**

## FEATURES:

- Power saving high efficiency
- Power factor near unity
- Based on Digital Inverter Technology
- Reliable IGBT Powered
- Spatter free smooth arc
- Constant current during near and far welding
- Compensation of supply volts
- Generator Compatible
- Light Weight
- Heavy duty for continuous work
- Wide supply voltage range

- Inverter welding machines gained popularity due to their power saving nature, better power factor, good arc, low spatter and better constant current features over all previous techniques.
- The IR series inverter welding machines are fully digital controlled & managed machines based on fast switching IGBT<sup>(1)</sup> Devices. Suitable for all type of Electrods Basic, Rutile and Cellulose. The digital display in front of machine gives better and easy setting of welding current by knob. The Display also shows our brand name, POC and other protection messages of machine.
- 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, stable arc from small current to rated current for welding of various thicknesses of jobs, *Can Weld 18 SWG Sheets by 2mm Electrode.*

## TECHNICAL SPECIFICATIONS:

ITEM	UNIT	IR250
Supply	Volt	415
Phase	No.	3
Frequency	Hz	50/60
Load	KVA	8
Power Factor	Cos Ø	.99
Insulation	Class	F
No-load Volt	Volt	70
Min. Current	Ampere	20
Max. Current	Ampere	250
Duty	%	60
Control	Type	DIGITAL
IP	Class	21
Weight	Kg	28
Dimension	L X W X H (cm)	46 X 30 X 53

\* In view of continuous development, design and specifications can be changed without prior notice

## ACCESSORIES: Optional

- Application: Applicable in good welding of Mild Steel, Stainless Steel, Alloy Steel, Cast Iron, Brass, Aluminium, Copper and Nickel.

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

# SOHAL ELECTRIC WORKS

13243, Link Road, Dholewal Chowk, Ludhiana-141003, Punjab.

Ph: +91-161-2532255, web: [www.sohalwelding.com](http://www.sohalwelding.com), E-mail: [mail@sohal.org](mailto:mail@sohal.org)