

# Sohal

## Inverter Arc Welding Machines

Models :  
PSM200 & PSM220

Our inverter welding machines are based on fast switching IGBT Devices. IGBTs are advanced version of MOSFET's. These machines are designed and developed in our company. Most of the parts in machines are Indian. We test all machines individually for under volt, over volt and performance. These machines are capable to withstand Indian power supply conditions and also works on gensets.

Inverter is the name of technology, which is used for converting voltage and current levels up or down. It is replacement of conventional line frequency transformers with advantage of power saving, better power factor, small & compact size, light weight and portability. Due to benefits of this technology more and more equipments are building better by adopting this technology.

### SALIENT FEATURES :

- » Based on Latest IGBT Inverter technology
- » Low power consumption and high efficiency
- » Spatter free smooth arc
- » Hot start adjustable
- » Light weight and portable
- » Wide supply voltage range
- » Suitable for 2.5 & 3.15 mm Electrodes
- » Under Volt, Over Volt and thermally protected



### TECHNICAL SPECIFICATIONS :

Item	Unit	PSM200	PSM220
Supply	V	180-260	180-260
Phase	Ph	1	1
Frequency	Hz	50-60	50-60
KVA/KW	KVA/KW	5.5/3.2	6/3.5
Min. Current	A	10	10
Max. Current	A	200	220
OCV	V	90	90
Duty Cycle	%	60	70
Weight	Kg	10.5	11
Dimensions LxWxH	cm	45x16.5x30	45x16.5x30

### Accessories :

3 Metre Welding Cable with Holder, 2 Meter Earth Cable with Clamp

Applications: SS door, windows and railing, Dyeing and hosiery machinery, Maintenance work, On site work, Hard facing and applicable for any kind of special electrode made for rectifier.

## Sohal Electric Works

13243, Link Road, Dholewal Chowk, Ludhiana - 03 (Punjab) INDIA, Tel. : +91-161-2532255

Fax : +91-161-2531116, Mobile : +91-9815703366, E-mail : mail@sohal.org