

## INVERTER BASED SAW MACHINE

AUTOWELD-i Series machines are IGBT inverter based welding power sources with suitable tractor for submerged Arc Welding. The power source can be used for MMA welding and carbon arc gouging also.

### Features

- Advanced *Soft Switching* inverter technology.
- Can be used with SAW, MMA and Carbon Arc Gouging.
- 100% Duty Cycle.
- High Power Factor and Higher efficiency
- Digital Controller for precise control of voltage, current and trolley speed
- Pre-setting and digital display of voltage, Current & trolley speed
- Memory channel to store/recall the welding parameters
- Wire diameter selection facility for precise arc characteristics
- Easy angle adjustment of wire feeder head

### Technical Specifications

Model	Input Power (KVA)	Current Range (A)	Weight (Kg)	Duty Cycle
AUTOWELD - 1001 i	53	100~1000	97	100 %
AUTOWELD - 1251 i	65	100~1250	97	60%
Input Supply – 380~440 V 3-Phase 50Hz Supply				
Insulation Grade – H				
Welding Voltage Range (V) – 20 ~ 50 Volts				
Open Circuit voltage – 75 ~ 85 Volts				
Efficiency at full load (%) – 88				
Power Factor – 0.93				
Type Of cooling – Forced Air				
Dimension LxWxH(mm) - 820 x420 x940				

