

INVERTER BASED SUBMERGED ARC WELDING MACHINE

AUTOWELD-i Series machines are inverter based submerged arc welding power source with suitable tractor. These machine can be used for both SAW and MMA welding

Features:

- Advanced **Soft Switching** inverter technology.
- Can be used for SAW, MMA and Gouging.
- High Duty Cycle.
- Least affected by input voltage fluctuation.
- Under Voltage, Over Heat and over Voltage Protection.



Technical Specifications

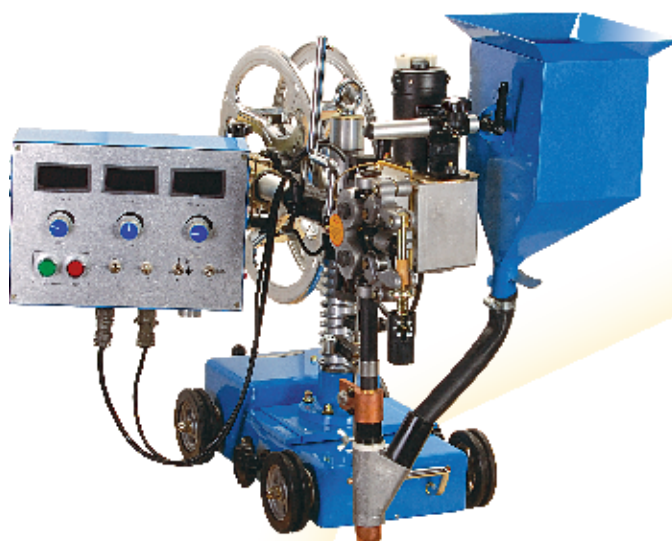
Model	Input Power (KVA)	Current Range (A)	Weight (Kg)
AUTOWELD - 630 i	27	60~630	55
AUTOWELD - 1000 i	44	60~1000	85
AUTOWELD - 1250 i	55	60~1250	100

Input Supply – 380~440 V 3-phase 50Hz Supply
Open Circuit voltage – 75 Volts
Efficiency at full load (%) – 89
Power Factor – 0.95
Duty Cycle – 100%

Specifications may subjected to change without notice.

FEATURES OF TRACTOR

- Light weight, flexible adjustment
- It can work on constant wire speed (CV) and variable wire speed (CC) mode.
- Scratch and retract arc striking method.
- Digital display and precise presetting of parameters possible.
- Easy to adjust mechanism.



No. Description

1)	Rated Input Voltage	120 Volts
2)	Wire Diameter	1.6~6
3)	Arc Starting Method	Scratch
4)	Speed of the Tractor (mm / Min)	100~1500
5)	Wire Feed rate (mm / Min)	200~4500
6)	Torch Height Adjustment (mm)	0~70
7)	Vertical Adjustment (mm)	0~80
8)	Horizontal Adjustment (mm)	-30~+30
9)	Inclination of the Welding Torch (Degree)	45
10)	Inclination of Welding Head (Degree)	45
11)	Wire Spool Capacity	25 Kg
12)	Weight (Kg)	56

Basic Outfits

Power Source,
Tractor with two meters rail.
Welding Cables
Interconnecting Cables.