

# AC/DC SAW Welding System

## Model AUTOWLED-1250 TADC

Autoweld 1250 TADC is a thyristor based SAW welding machine which can be used for SAW welding in both DC and AC Mode. The machine comes with suitable trolley or suitable head to mount on the column and boom.

### Features

- Stepless variation of voltage and current
- Microprocessor based machine for precision control
- High Duty cycle
- Three different modes for penetration standard & Fill
- Remote control / local control Selection
- Welding current / welding voltage/Trolley speed digital display
- Pre-setting of current/voltage/speed
- Wire selection
- Memory channel to store the data



### Scope Of supply:

Power Source  
Trolley  
16 meters Long cable

## Technical Specifications

		<b>Model</b>	<b>AUTOWELD-1250TADC</b>	
		<b>Power source</b>	Power Supply	3 phase 380~ 440 50 Hz Supply
Rated Input Capacity (KVA)	125			
Welding Current Range (Amps)	250 ~1250			
Rated output voltage (V)	44			
Open circuit voltage (V)	AC80,DC85			
Rated Duty Cycle (%)	AC		100% (40°C)	
	DC		60% (40°C)	
AC Frequency (Hz)	10			
AC Wave Balance (%)	36, 50 & 64			
Cooling Mode	Air Cooling			
Insulation Grade	F			
Dimension (L x W x H) in mm	780x665x1370			
Net Weight (Kg)	600			
<b>Tractor</b>	Input Supply (Volts)	110		
	Speed of the trolley (mm)	10 ~ 1500		
	Wire Feed Rate (mm/Min)	40 ~ 4500		
	Wheel Centre Distance (mm)	300		
	Torch adjusting angle (Degree)	±30		
	Torch Vertical Adjustment (mm)	140		
	Torch Horizontal Adjustment (mm)	93		
	Flux Hopper capacity (Kg)	10		
	Dimension (LxWxH)	1010x580x930		
	Weight (Kg)	52		