

SAW Series



3
Phase

50/60
Hz

EMC

DC

CC/CV

Duty Cycle
100%



Functions

Submerged ARC welding, Manual ARC welding & Gouging

Application Industry

Heavy Industrial Fabrication, Oil & Gas Industries Fabrication
Industrial Maintenance, Automobile Industries
Railways heavy Fabrication , PEB Industries
Stainless Steel Fabrication, Process Industries
Cement Industries, Ship Building yard
Power generation industries



SAW-1250 HDCC/CV

www.weldmaticindia.com

SAW Series



Features :-

- ❖ Compact Size, Lightweight & Power Saving
- ❖ Strong Current Output, Superior Welding and Gouging Performance
- ❖ Stepless Adjustment of Current & Voltage in a wide range.
- ❖ Digital Display for Accurate Parameter Preset.
- ❖ Suitable for Mild Steel, Alloy Steel & Stainless Steel etc.
- ❖ Enhanced and efficient Soft Switching Inverter Components.
- ❖ Multipurpose Machine for welding with low Operating Cost.

TECHNICAL SPECIFICATIONS:

PARAMETERS	MACHINE MODELS
	SAW-1250 HD CC/CV
Input Voltage (V)	3Ph. 415 \pm 10%
Frequency (Hz)	50Hz
Rated Input Current (A)	111 A
Power (KVA)	80 KVA
No Load Voltage (V)	92 V DC
Output Current Range (A)	60-1250 A DC
Rated Output Voltage (V)	40 V DC
Duty Cycle @40°C (%)	100%
No Load Loss (W)	250 W
Efficiency (%)	83%
Power Factor (PF)	0.95
Wire Diameter (mm)	ø 2mm-6mm
Insulation Grade	F Class
Protection Class	IP21S
Type of Wire Feeder	4 Roll
Wire Feeding Speed	50-460cm/min
Nett. Weight Tractor (Kg.)	55 kg
Nett. Weight Power Source (Kg.)	103 kg
Dimensions (mm)	520x295x525