

ASAW-II-1000



Features and benefits

- Digital inverting SAW machine, MCU controlled, consistent good welding performance
- Unique IGBT soft switch technology guarantees higher efficiency and longer lifespan
- Wide wire size range, from 1.6mm to 6mm thanks to CC/CV output characteristics
- High power output volume, deep penetration and high deposition rate 10 job channels, easily switch between different jobs, improve productivity
- Up to 100% duty cycle at 40C and 10-minutes condition
- Various tractors for different joints(option)
- Multi-protection circuits ensures safe working process
- User-friendly front panel, easy to operate
- Self-diagnose, displays the corresponding error code for easy troubleshooting
- Fan on demand, reduces noise and energy consumption

Standard equipments

- 1 Power source
- 1 Connected primary cable L=3m
- 1 Ground cable L=5m
- 1 Welding cable L = 15m
- 1 Control cable L=16m
- 1 Tractor

Output 

Input 

Process

Process:Submerged Arc (SAW) /Stick (SMAW) / Gouging

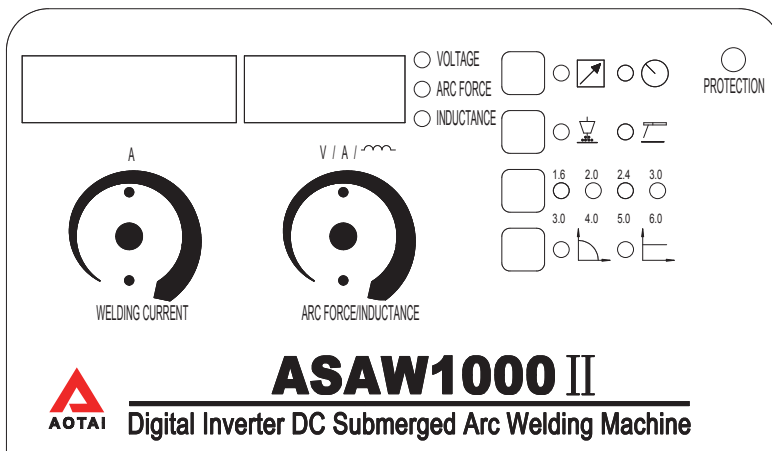
Recommended Applications

Bridge construction
 Industry plant construction
 Large oil tank manufacture
 Machinery industry
 Shipbuilding and offshore engineering
 Automobile
 Metal shop

Spare parts- ASAW-II-1000

Pictures								
Item	Rectifier	IGBT module Fast recovery module	Fast recovery module	Main control board	Drive board	Display board	Main transformer	Power transformer
NO.	735005-00003	735007-00038	735006-00029	210580-00450	210310-00032	220383-00005	220629-00009	763001-00021

Pictures								
Item	Fan	Current exchange inductance	Current sensor	Solid state relay	Input filter capacitor	Filter capacitor	Varistor	Thermostat
NO.	746001-00017	220281-00008	753001-00077	715004-00003	722001-00062	722001-00070	720021-00017	745008-00006



Specification

Model	UNIT	ASAW1000II package
Supply voltage	Model	ASAW-II-1000
Phase	Volt/No.	415/3
Input KVA @ 100% Duty cycle	KVA	55
Welding current range	Amp	50-1000
Open circuit voltage	Volt	MMA: 9 SAW: 95
Welding current @ 100% Duty cycle	Amps	1000
Type of cooling	Type	Forced air
Class of insulation	Class	H
Dimensions(LxWxH)	mm	767x352x757
Weight(approx)	Kg	95
Welding tractor	Type	Single wire single arc/Twin wire single arc

Aotai Electric Co.,LTD

