

MAESTRO 1000 (I)

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APPLICATIONS

- These welding outfits are incorporated with Inverter based ENERGY EFFICIENT power source and hence recommended for SAW welding applications where energy cost of power consumed by equipment is very critical / important for the overall project cost
- These welding equipments/outfits are recommended for SAW welding of heavy duty longitudinal structures like girder, I-beams, plus beam welding applications, where high deposition rates and welding productivity are desired
- Ideal choice for butt weld, fillet weld, double V joint welding of plates as required in ship building industry, railway, construction of bridges, components of earth moving equipments etc
- Most suitable for thick plate welding applications where X ray quality welding with excellent mechanical properties and good finish of weld beads are essential

SALIENT FEATURES

- Inverter based Energy Efficient power source saves power consumption and reduces energy bill up to 30% over conventional thyristorised power sources
- High efficiency, High power factor power source
- Inverter based digitally controlled power source and welding head
- Light weight compact power source occupies 35% less floor space
- Userfriendly interface including push buttons, LED indicator lamps, micro controller based controllers ensures real time response for every set parameter, wire diameter selection through fuzzy logic control
- Enhanced reliability due to PCB construction with SMD technology
- Power source protected against Over voltage, Under voltage, Overload/over temperature conditions

BRIEF SPECIFICATIONS:

MODELS	UNIT	MAESTRO 1000 (I)
Supply voltage	Volt	415
Phase	No	3
Input KVA @ 100% Duty cycle	KVA	55
Open circuit voltage	Volt	85
Welding current range	Amp	100-1000
Welding current @ 100% Duty cycle	Amp	1000
Welding Voltage range	Volt	26-44
Type of cooling	Type	Forced Air
Class of insulation	Class	H
Dimensions (LxWxH)	mm	950x410x700
Weight (approx.)	Kg	240
Welding Head	Model	WH 15(I)



WELDERS TO THE NATION SINCE 1951
ADOR WELDING LIMITED

(Formerly Known as Advani-Oerlikon Ltd.)

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