

WELD EXCEL FOR EXCELLENT WELDS

INVERTER SAW PROCESS

MODI SAW 1000

PROCESSES:

SAW

MMA

Air Carbon
Gouging



SALIENT FEATURES

- * Advanced IGBT inverter technology.
- * Inverter frequency is 20Khz, greatly reducing the volume and weight of the welder.
- * Great reduction in magnetic loss obviously enhances the welding efficiency and energy and energy saving effect.
- * Switching frequency is beyond audiorange, which almost eliminates noise pollution.
- * Leading control mode.
- * Perfect protection circuit.
- * Automatic retracting arc ignition circuit.
- * PWM wire feeding control.
- * Arc voltage compensation function, providing a good condition for welding.
- * Constant current output and stable arc, ensuring high-quality welding.
- * The power source can be used for submerged arc welding, MMA welding, air carbon arc gouging.

TECHNICAL PARAMETERS

Input power voltage(V)	AC415(Three Phase) \pm 15%	Duty cycle (10 min)	100%
Rated input current(A)	84	Efficiency(%)	85
Rated input power(KVA)	52	Power factor(COS ϕ)	0.93
Input voltage frequency(Hz)	50/60	Insulation Class	H
No-load voltage(V)	72	Protection Class	IP23
Output current range(A)	100-1000	Arc Force Current Range(A)	0-100
Output voltage Range (V)	22-50	Weight(Kg)	85

*In view of continuous development, Weld Excel India Ltd. reserves the right to modify/change the design or the specification without any prior notice.



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