

WELD EXCEL

FOR EXCELLENT WELDS

INVERTER MIG/MAG/MMA WELDER

PROCESSES:

MIG

Flux Cored

MMA

TIG(Scratch)

MODI MIG 500I

SALIENT FEATURES



- * High frequency 20KHz IGBT inverter technology provides lightweight and low power consumption for energy saving.
- * Unique trigger signal protection coordinate with worldwide cutting-edged IGBT module and fast recovery diode module guarantee high reliability.
- * Contains electric circuit to protect against over-current, over heat, over voltage and short-voltage, safe to operate.
- * Unique design of dynamic characteristic feedback control provides optimal metal transfer and better bead appearance, reduces spatter and fumes, makes it perfectly suitable for flux-cored wire welding.
- * High OCV & low feeding speed program combined with ball-end eliminated function ensure 100% one-time ignition.
- * Accurate setting of the welding parameters is easily achieved by user-friendly design that allows more selection.
- * More flexibility for Heavy Fabrication job with interconnecting cable of 5 meter which further can be increased upto 25 meter(optional).
- * Maximum wire speed can be achieved upto 25 m/min.
- * CC/CV designed machine suitable for multiprocesses i.e. MIG, MAG, FCAW, MMA and Scratch TIG.

TECHNICAL PARAMETERS

Input power voltage(V)	AC415(Three Phase)±15%	Output voltage range(V)	18-42
Rate input power capacity(KVA)	27.6	Max OCV	62
Rated input current(A)	33	Efficiency(%)	85
Input voltage frequency(Hz)	50/60	Power factor(COSφ)	0.93
Rated output current(A)	500	Insulation Class	H
Rated output voltage(V)	39	Protection Class	IP23
Output current range(A)	80-500	Weight(KG)	54
Duty cycle (10 min)	60%		

WIRE FEEDER

Type	Separate	Working wire speed(m/min)	2.5-17
Postflow time(s)	1±0.5	Max wire speed(Optional)(m/min)	25
Rated voltage(V)	24	Weight(Kg)	10
Rated current	5		

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



WELD EXCEL INDIA LTD.

(A GroupMKM Company)



Corporate Office:- 601, 6th Floor, Copia Corporate Suites, 9 Jasola Commercial Complex, New Delhi-110025

Tel.: 011-41006093, 46082222, Telefax: 011-41006083, E-mail: infodelhi.modiarc@groupmkm.in

Works: Oil Mill Gate, Campus Modi Industries Ltd., Modinagar-201204(UP), Tel.: 01232-661801, 661900, Fax: 01232-242147

E-mail: infoho.modiarc@groupmkm.in; Website: www.modielectrodes.com