



# Met Weld

Leading Indian manufacturers and exporter of **Welding Machine, Welding Electrodes, Welding Wires, Welding Cables and Welding Accessories**

## RELON Brand Inverter Welding Machine > MIGMAG CO2 Inverter Welder RELON Brand MIG / MAG CO2 (IGBT) INVERTER WELDER

### FEATURES: MIG200, MIG250, MIG400 & MIG500

Much smaller & lighter by comparison to the transformer welding machine; its medium frequency inverter transformer inside is much lighter than the traditional transformer; in total, its weight is only within a range from 1/5 to 1/10 of the weight of the transformer welding machine and around 1/3 of the transformer welding machine in volume

High efficiency and energy savings; due to a much smaller volume, the raw materials of copper and steel needed are much less consumption, and there is much less non-contribution energy consumption while current runs through; its power usage efficiency is up to 80 – 85%, its power factor is up to 0.93; and the energy consumption saving is up to 1/3 in total by comparison to the transformer welder

Digital display, current & voltage preset function

Continuous adjustment function of the welding current & voltage with a sufficient wide adjustment range

Capable of formatting a good seam shape in the opposite side while making a backing weld

Adapted an instant wire feeding circuit design, much more stable in wire feeding by comparison to the traditional instant voltage wire feeding mode, capable of achieving highly stable wire feeding within the full range of current adjustment

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Highly stable during the welding process with soft & smooth melted drop transferring so as to assure a nice and smooth seam shape

Built in a unique electronic inductance, capable of precisely control the short-cut melted drop transfer and the mixed transfer processes as well; capable of precisely changing the status of arc stiffness through adjusting the knob of electronic inductance to meet the different characteristic requirements according to the user's different requirements.



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PARAMETERS	MIG200	MIG250	MIG400	MIG500
Input Voltage (V)	AC220V±15% (1 phase), 50/60Hz	AC380V±15% (3 phases), 50/60Hz	AC380V±15% (3 phases), 50/60Hz	AC380V±15% (3 phases), 50/60Hz
Rated Input Power Capacity (KVA)	8.2	11.3	13.9	24.7
Output Current Range (A)	50~200	50~250	50~400	80~500
Rated Output Voltage (V)	24	26.5	34	39
Duty Cycle (%)	60	60	60	60
Efficiency (%)	80	80	85	85
Power Factor	0.73	0.73	0.93	0.93
Wire Feed Speed (m/min)	2.5~18	2.5~18	3.0~24	3.0~24
Insulation Class	F	F	F	F
Protection Class	IP21	IP21	IP21	IP21
Weight (kg)	9	9	36	42
Dimensions (mm)	371x153x232	371x153x232	550x280x545	650x310x640

**WEBSITE URL:** [http://metweld.in/Relon\\_MIG\\_MAG\\_CO2\\_Inverter\\_Welder.html](http://metweld.in/Relon_MIG_MAG_CO2_Inverter_Welder.html)

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