

CO₂·MAG AUTOMATIC Welding Machine

TwinArc™

WELDING & CUTTING

Inverter
I.G.B.T.

CO₂·MAG 自動溶接機



● **Low Spatter**

Allowing the welder to provide almost spatter-free welding even with pure CO₂ gas.

● **Stable Arc**

The electronic controlled wire feed motor ensures a constant wire feeding, burn-back time.

● **High Duty Cycle**

With its high Duty Cycle: 60%, the power source has been developed for heavy fabrication job.

● **Digital Volt / Amp Meter**

With Digital Volt / Amp Meter fulfill the requirements for a certified production of high quality controlled parts.

● **Inductance Adjustment**

The arc characteristic can be set by Inductance Adjustment for more weld seam quality & precision.

● **Excellect Arc Charateristics**

Excellect arc characteristic curve for mild steel, stainless steel and aluminium.

● **Perfect Welding**

Fast reacting, precise, digital arc length control.

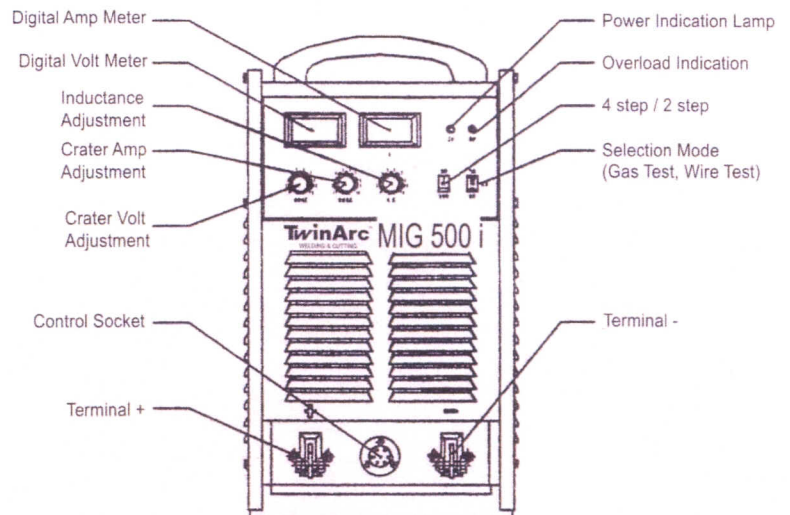
● **More Protection**

The main P.C Board and electronic parts are enclosed and separated in different compartment and always free from metal dust.

Technical Specifications:



Model	MIG 250 i	MIG 350 i	MIG 500 i	MIG 630 i
Input Voltage	3 phase 415V±10% 50/60Hz			
Rated Input Power	8KVA	14.4KVA	25KVA	35.8KVA
Rated Input Current	8A	15.5A	26.5A	49A
Rated Duty Cycle	60%	60%	60%	100%
Output Current	60-250A	60-350A	60-500A	60-630A
Output Voltage	12-30V	12-40V	15-50V	15-50V
Output Open Voltage	58V	58V	70V	70V
Efficiency	≥89%	≥89%	≥89%	≥89%
Power Factor	≥0.87%	≥0.87%	≥0.87%	≥0.87%
Wire Diameter (mm)	Φ0.8-Φ1.2	Φ1.0-Φ1.6	Φ1.0-Φ1.6	Φ1.0-Φ2.0
Weight	20Kg	40Kg	50Kg	58Kg
Dimensions (mm ³)	495 x 232 x 495	576 x 297 x 574	636 x 322 x 584	686 x 322 x 584
CO ₂ Gas Flow Rate	15-20L/min			
Insulation Class of Main Transformer	H			
Insulation Class of Output Reactor	B			



THE FORCE OF WELDING ...