

MIG 350P / 500P

Application :
 Rail Coach Mfg
 Automobile
 Shipbuilding
 Aluminum Tank Mfg.
 Defense Production

Processes :
 GMAW (MIG)
 GMAW-P (Pulse MIG)
 Double Pulse MIG
 FCAW (Flux-cored)
 SMAW (Stick)



Features:

- IGBT Inverter Technology.
- Full Digital Control Synergic Pulse MIG.
- 100 Independent, user defined parameters
- Burn back Setting available.
- 2T / 4T, Spot Welding Operating Modes.
- Compatible to Generator Power Supply.
- Power factor is 0.93
- IP 23 Compliance & H Class Insulation.
- Energy efficient than conventional machines.
- Intelligent Air Cooling reduces dust, saves power & improves fan life.
- 3 proofing treatment to work in hostile environment.
- Advanced Digital communication interface.
- Flexible parameter adjustment like Thickness / Welding Angle / Arc Length / Inductance

Technical Data :

Model	Input Supply	Input Power	Output Range	Rated Output	OCV	Dimension	Weight
MIG 350P	415 V ±15% 3 Phase 50/60 Hz	14 kVA	14 - 45 V 20 - 350 A	350 A @ 60% duty cycle	70 VDC	L : 1040 mm W : 515 mm H : 1415 mm	44 Kg.
MIG 500P		25 kVA	14 - 50 V 20 - 500 A	500 A @ 60% duty cycle			46 Kg.

Front Control Panel - Power Source :



MIG 350P / 500P without Cooler :



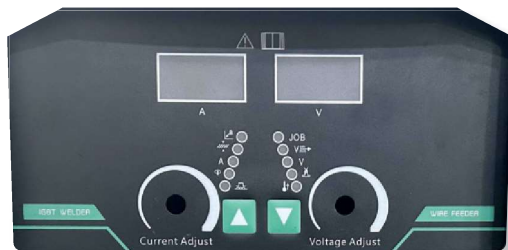
Wire Feeder :

- 24 VDC Servo Motor with Encoder.
- Quick Release Drive Roll Pressure Adjustment Arm.
- 4 Roll All-Gear-Driven Drive Roll Carriers.
- Solid-state Speed Control & Brake Circuit.
- One Touch Control with adjustment of Current & Voltage (Optional).

Technical Data :

Input Supply	Wire Feed Speed	Wire Dia Capacity	Dimension
24 V	2 - 25 m/min	MS / SS / AL : 0.8 - 1.6 mm	L : 450 mm W : 190 mm H : 290 mm

Front Control Panel - Wire Feeder :



Double Pulse MIG - Weld Samples :



Standard Package :

- CC/CV Power Source - 4 Roll Drive Wire Feeder - Drive Rolls - 4.5 m Interconnecting Cable - 3 m Earthing Cable with Clamp - 3 m MIG Torch