

ALL STAR MIG 400F / 500F



Application:
Automobile
Shipbuilding
Heavy Fabrication
Pressure Vessel Mfg
Refinery

Processes:
GMAW (MIG)
FCAW (Flux-cored)
SMAW (Stick)
GTAW (TIG)



Features:
IGBT Inverter Technology.
Dual Digital Meters.
Step less Voltage & Wire Feed Speed Setting.
Electronic Choke adjustment for better arc control.
Crater Voltage & Time Setting.
Pre & Post Gas Flow Setting.
Burn back Setting available.
Compatible to Generator Power Supply.
Power factor is 0.9
IP 21S Compliance.

Technical Data:

Model	Input Supply	Input Power	Output Range	Rated Output	OCV	Dimension	Weight
MIG 400F	353 – 457 V 3 Phase 50/60 Hz	20.8 kVA	16 – 40 V 40 – 400 A	400 A @ 60% duty cycle	70 VDC	L: 650 mm W: 320 mm H: 545 mm	28 kg
MIG 500F		27 kVA	16 – 45 V 80 – 500 A	500 A @ 60% duty cycle			33.5 kg

Wire Feeder:

24 VDC Pan Cake Motor.
 Quick Release Drive Roll Pressure Adjustment Arm.
 4 Roll All-Gear-Driven Drive Roll Carriers.
 Solid-state Speed Control & Brake Circuit.
 Remote Voltage Control.
 Spool Cover prevents the Wire Spool from dust contamination.

Technical Data:

Input Supply	Wire Feed Speed	Wire Dia Capacity	Dimension	Weight
24 V 1 Phase 50/60 Hz	1.5 – 25 m/min	MS / SS / AL : 0.8 – 1.6 mm	L: 490 mm W: 350 mm H: 420 mm	6 kg

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 – CO₂ Heater – CO₂ Regulator with Flowmeter.