

## MIG 250F

### Application :

Automobile  
E-Mobility Mfg.  
Sheet Metal Fabrication  
Furniture

### Processes :

GMAW (MIG)  
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 & Pre / Post Gas Flow Setting.  
Voltage & Current Parameter Locking (Upper Limit)  
Burn back Setting available.  
Compatible to Generator Power Supply.  
Power factor is 0.9  
IP 23S Compliance.



### Technical Data :

| Input Supply                           | Input Power | Output Range            | Rated Output              | OCV       | Dimension                              | Weight   |
|----------------------------------------|-------------|-------------------------|---------------------------|-----------|----------------------------------------|----------|
| 230 V $\pm$ 10%<br>1 Phase<br>50/60 Hz | 11 kVA      | 14 - 28 V<br>20 - 250 A | 200 A @ 60%<br>duty cycle | 75<br>VDC | L : 501 mm<br>W : 275 mm<br>H : 465 mm | 16.2 Kg. |
| 400 V $\pm$ 15%<br>3 Phase<br>50/60 Hz |             |                         | 250 A @ 60%<br>duty cycle | 65<br>VDC |                                        |          |

### Wire Feeder :

24 VDC Servo Motor  
Quick Release Drive Roll Pressure Adjustment Arm  
4 Roll All-Gear-Driven 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         | 2 - 25 m/min    | MS / SS / AL :<br>0.8 - 1.2 mm | L : 490 mm<br>W : 350 mm<br>H : 420 mm | 14.5 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 - CO<sub>2</sub> Heater - CO<sub>2</sub> Regulator with Flowmeter.