

EVO MIG 250 PFC Synergic Compact

ORDER CODE **EM-250CT**



The EVO MIG 250CT combines advanced PFC inverter technology with a dual-roll wire feed motor, delivering exceptional welding performance, smooth wire feeding, and a superior user experience.

Built for durability and versatility, it supports synergic MIG/MAG, MMA, and smart DC Lift TIG, making it ideal for a wide range of welding applications in demanding environments. Its unique compartmented electrical design further enhances reliability. With full synergic control, the ClearVision display allows precise, effortless parameter adjustments and clear readouts in any lighting conditions.

Supplied with a custom low-profile trolley designed to hold a size Y gas cylinder, this compact unit ensures excellent mobility and convenience in the workshop.

Auto-sleep mode provides market-leading energy efficiency while extending the lifespan of the equipment.

KEY FEATURES

- Rugged, ergonomic design
- **ClearVision** technology
- **Intelligent synergic control**
- Adaptable wide voltage range
- Welding engineer mode
- **Smart Lift TIG**
- Consistent and efficient MIG spot welding performance
- Dual roll wire feed motor
- Flexible remote control solutions (optional)
- Power factor correction (PFC), generator friendly
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch and spool gun
- LED inside wire feeder cabinet; handy accessory storage slot
- Fan on demand
- Trolley with cylinder holder
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection

TECHNICAL DATA

	AC 95-265V, 50/60 Hz	
	AC 115V	AC 230V
No load voltage	70V	
MIG	I _{eff}	19A
	Rated input power	6.1kVA
	Current range	30-160A
	Rated duty cycle @ 40°C	30%
	Wire feed speed	2-14m/min
	Wire spool size	2-18m/min
MMA	I _{eff}	D300
	Rated input power	18.1A
	Current range	3.8kVA
	Rated duty cycle @ 40°C	17.6A
TIG	I _{eff}	30%
	Rated input power	15.9A
	Current range	3.3kVA
	Rated duty cycle @ 40°C	6.1kVA
Efficiency		>80%
Power factor		0.99
Idle state power		<50W
Protection class		IP23S
Insulation class		H
Dimensions LxWxH		920 x 480 x 755mm
Weight		43.5Kg
Recommended generator size		9kVA
		15.5kVA

STANDARD ACCESSORIES

MIG Welding Torch (JE250-4), Earth Clamp, Gas Hose and Argon Regulator (SSARG2G), Trolley

OPTIONAL ACCESSORIES

Wireless Remote Control (HRC-02), Wired Remote Control (HRC-01), Wireless Foot Pedal (FRC-02), Wired Foot Pedal (FRC-01), Wireless Transceiver (TS4)