



The EVO MIG 160 incorporates advanced PFC inverter technology, delivering outstanding welding performance and an enhanced user experience.

Built for durability and flexibility, the EVO MIG series supports synergic MIG/MAG, MMA and smart DC Lift TIG and is designed to handle a wide variety of welding applications in demanding environments, thanks to its unique electrical structure with Active Balancing Air Passage, which boosts duty cycles and significantly enhances reliability.

With full synergic control, the ClearVision display ensures precise and easy parameter adjustments and readouts in any lighting conditions. Weighing just 16 kg and compatible with a D200 5 kg spool, this compact unit is the perfect choice for site work or light fabrication in the workshop.

Auto-sleep mode ensures market leading energy efficiency while helping to extend the equipment lifespan.

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
- 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
- **ABAP: Active Balancing Air Passage**
- Fan on demand
- 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	67V		
MIG	I _{eff}	14.5A	10.4A
	Rated input power	2.98kVA	4.22kVA
	Current range	30-120A	20-160A
	Rated duty cycle @ 40°C	30%	
	Wire feed speed	2-11m/min	2-14m/min
	Wire spool size	D200	
MMA	I _{eff}	13.8A	10.1A
	Rated input power	2.26kVA	4.19kVA
	Current range	20-100A	20-140A
	Rated duty cycle @ 40°C	30%	
TIG	I _{eff}	8.9A	7.9A
	Rated input power	1.79kVA	3.23kVA
	Current range	5-100A	5-160A
	Rated duty cycle @ 40°C	30%	
Efficiency	84%		
Power factor	0.99		
Idle state power	<50W		
Protection class	IP23S		
Insulation class	H		
Dimensions LxWxH	565 x 220 x 415mm		
Weight	16Kg		
Recommended generator size	4.5kVA	6.5kVA	

STANDARD ACCESSORIES

3m MIG Welding Torch (JE150-3), 3m Earth Clamp, Gas Hose and Argon Regulator (SSARG2G)

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)

* Generator must have AVR