

The FLEX 250 A CEL is an extremely versatile MMA Inverter welding machine capable of working on both single phase (110V & 240V) and 3 phase (415V) power supplies. The unit automatically manages the input power supply to produce a high quality arc condition.

High performance

- High duty cycle makes it ideal for industry applications.
- Capable of welding 1.6mm to 5mm electrodes.
- Features Secondary Regulation to maintain a stable arc.

Easy to set-up

- Switch from MMA to TIG by just pressing one button.
- Quick & precise adjustment of the welding current with two buttons.
- TIG lift : automatic arc release.
- Can be used with Tungsten electrodes from \varnothing 1.6 to 2.4 mm.

CEL Cellulosic

- The FLEX 250 CEL has an open circuit voltage of 100V (cellulosic electrodes require an open circuit voltage of 90V).
- The high penetration given by this type of electrode makes it suitable for use in a number of applications including pipe welding and ship building.

AD Anti-dust ventilation corridor

- Allows cooling air to pass through the machine without coming into contact with the electronic circuit boards, protecting them from premature failure.
- Ideal for use in industrial environments.



- Delivered without accessories
- Optional remote control - 8m (ref.045675)
- Optional foot pedal (ref. 045682)

TECHNOLOGIES



Inverter

This technology enables :

- Better duty cycle for reduced electrical consumption
- Automatic adjustment of the welding current to maintain a stable and precise arc

Hot Start : Increased power for easy striking.

Arc Force : Maintains the arc whilst compensating for an "unsteady hand".

Antisticking : Prevents electrodes sticking to the work piece.

FEATURES

FLEX = 1 ϕ → 3 ϕ
85V → 480V

Flexible - Adjustable to the power supply required :

- Automatic voltage detection
 - ⇒ Single phase DV 85 to 300V for an output up to 200A
 - ⇒ Three phase 300 to 480V for an output up to 250A
- One machine suitable to any electrical network



Secondary regulation - Regardless of the input voltage and changes in distance between the electrode and the metal, the machine ensures a stable arc for optimum quality.

CE - EN 60974-1

50/60hz	ϕ	AM	I ₂ MMA/TIG	Techno				EN60974-1 (40°C) 400V - 3 ϕ						U ₀	cm/kg	Protected & compatible POWER GENERATOR (+/- 15%)		
				SR	ADS	AD	CEL	1.6	2	2.5	3.2	4	5				I _A (60%)	X% (I ₂ max)
85-180V	1	16A	140A															
180-300V			200A	✓	✓	✓	✓	62	50	47	45	38	38	200A	250A @32%	100V	23x44x32 18	12.5 kVA
300-480V			3	250A														