

It works on a wide range of input voltage (340 V / 460 V) and is capable of working on long power cables.

With its robust structure and high protection rating (IP 23), the PROGYS CEL 250 A TRI is ideal for professional work in mechanised welding, sheet metal and piping.

**CEL**  
cellulosic  
electrode

## MMA (250A)

The high starting voltage of 100V gives it revolutionary arc dynamics, and makes it unique on the market. It enables the user to weld any kind of electrodes easily:

Steel, stainless steel, cast-iron, basic, cellulosic and aluminium

As well as the **anti sticking** function, this machine features:

✓ **Adjustable Hot Start:**

Easy to start welding any type of metal

- Low Hot Start: for thin metal sheets

- High Hot Start: for pieces difficult to weld (dirty or oxidized parts)

✓ **Adjustable Arc Force:**

For a better penetration and prevention of sticking.

✓ **MMA Pulse** : Developed for pipe welding as well as vertical up welding.



Without accessories

## TIG (250A)

✓ Easy start with TIG Lift feature. It prevents tungsten inclusions and radio electrical disturbances.

✓ To ensure a smooth welding bead, the machine includes an innovative 'Arc Down Slope' function with:

- Automatic release – with a simple movement of the torch

- Adjustable down-slope.

## OPTION

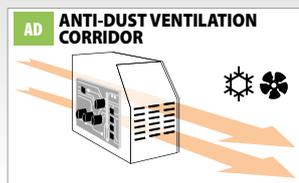
• Kit MMA ref. 047341  
Earth cable (4m / ø 35mm<sup>2</sup>)  
Electrode holder (4m / ø 35mm<sup>2</sup>)

• Remote control ref. 045675  
(MMA/TIG 8m)

• Foot pedal ref. 045682  
(MMA/TIG 4m)

## PROFESSIONAL UNIT

Ventilation tunnel to protect onboard electronics against dust:



# IP 23

- The machine protection level is IP23, which means :
    - Protection against access to dangerous parts from solid bodies of a ≥12.5mm diameter and,
    - Protection against the rain inclined at 60° towards the vertical.
- These devices can be used outside in accordance with the IP23 protection index.

50/60hz	+AM	I <sub>2</sub>								EN60974-1 (40°C)		U <sub>0</sub>			
		TIG	MMA	Ø 1.6	Ø 2	Ø 2.5	Ø 3.2	Ø 4	Ø 5	I <sub>A</sub> (60%)	X% (I <sub>2</sub> max)				
400V 3~	16A	10-250A		62	50	47	45	38	38	180A	25%	100V	35/50	26x47x43 / 21	10 kW 12.5 kVA