

The **PROTIG 200 AC/DC (200 A)** is a compact, portable and versatile dual-process unit for AC/DC TIG welding and coated-electrode (MMA) welding. It can be used to join all types of material up to 4 mm thick (steel, stainless steel, aluminium, copper, magnesium and even titanium). Its advanced, secondary regulation guarantees optimal arc stability and a constant welding current in all positions.

## FIVE TIG WELDING MODES

- |    |   |
|----|---|
| DC | <b>Standard DC:</b> direct current welding for most ferrous materials.  |
|    | <b>Pulsed DC:</b> limits the temperature rise of the parts being welded. Ideal for very thin sheet metal.   |
| AC | <b>Standard AC:</b> for welding aluminium and its alloys (Al, AlSi, AlMg and AlMn, etc.).   |
|    | <b>Pulsed AC:</b> limits the temperature rise of the parts being welded. Ideal for very thin sheet metal.   |
|    | <b>Easy AC:</b> predefined user settings makes using the welding unit as simple as possible. The user only has to select the tungsten-electrode diameter on the machine's user interface. |

## OPTIMISED TIG WELDING SETTINGS

- **SPOT mode** (AC or DC TIG): for fast and accurate spot welding before working on thin sheet metal.
- **Two ignition types:** HF contactless or HF contact for electrosensitive environments.
- **Three types of trigger control:** 2T, 4T and 4T LOG.
- Automatic torch detection: compatible with trigger and double-button torches.

## MMA WELDING

- **MMA :** basic and rutile electrodes (up to  $\square$  4 mm).
- **Pulsed MMA:** enables vertical-up welding (for pipes and pipelines, etc.).
- **Three built-in welding aids:**
  - Anti-Stick: minimises the chance of the electrode sticking to the workpiece.
  - Adjustable Hot Start: makes ignition much easier and can be adjusted in seconds depending on the type of metal.
  - Arc Force: a one-off current boost for resolving difficult welding situations.

## MAXIMUM PRODUCTIVITY

- Stores up to 30 programs per welding process.
- Access to an advanced menu for maximum welding control.
- Current and voltage display both during and after the welding process (DMOS/QMOS).
- Reinforced bodywork and anti-shock pads.
- Space-saving and easy to move around the site.
- Its smart ventilation system reduces power consumption, dust intake and noise levels.
- Surge-protected up to 400 V (PROTEC 400).



Supplied with:



A VRD (voltage reduction device), that can be activated by an internal switch, to reduce the no-load output voltage to 10 V.

## ACCESSORIES (optional extras)



TIG PRO - 8 m  
084179



TIG26 consumables box  
044678



WELD 910 - 4 m<sup>3</sup>  
070967



Trolley - 10m<sup>3</sup> XL  
076341

50/60 Hz	A	I <sub>2</sub>			INTEGRATED TECHNOLOGY			TIG DC			TIG AC			MMA			U <sub>0</sub> V	U <sub>R</sub> V	cm	kg	IP	Protected & compatible power generator (+/-15%)
		TIG DC	TIG AC	MMA	TIG DC PULSE	TIG AC PULSE	MMA PULSE	EN 60974-1 (40°C)			EN 60974-1 (40°C)			EN 60974-1 (40°C)								
		A	A	A	Hz	Hz	Hz	I <sub>A</sub> (60%)	X% (I <sub>2</sub> max)	100%	I <sub>A</sub> (60%)	X% (I <sub>2</sub> max)	100%	I <sub>A</sub> (60%)	X% (I <sub>2</sub> max)	100%						
230 V ~	16	10 → 160	10 → 200	10 → 160	0.1 → 900	0.1 → 20	1 → 20	90 A	20 %	70 A	115 A	20 %	90 A	90 A	20 %	70 A	64	10 (VRD)	24 x 43 x 35	12.5	IP21	7.5 kW