

Designed for hard-working professionals, the **PROGYS 200 FV** is a 200 A single-phase inverter welder with 3 welding processes: **MMA, Pulse MMA and TIG lift**. The digital display offers ultra-precise current adjustment, delivering quality welds on steel, cast iron and stainless steel, up to 10 mm thick. With **Flexible Voltage (FV)** technology, it produces a perfectly stable arc, even in the event of significant variations in mains voltage (from 85 to 265 V) or when used on site with an extension lead.

### 3 WELDING MODES

- **MMA:** welds all rutile, stainless steel, cast iron, and basic electrodes (up to Ø 5 mm).
- **Pulse MMA:** ideal mode for welding in a rising vertical position (pipes/pipelines, etc.). Frequency and percentage of cold current can be adjusted.
- **TIG Lift** for precision work on thin sheet material without tungsten inclusion in the weld bead.

### 4 WELDING AIDS



**Adjustable Hot Start:**  
easy ignition.



**Adjustable Arc Force:**  
Provides temporary increase in welding current in challenging welding situations.



**Antisticking:**  
Reduces the chance of the electrode sticking when it comes into contact with the workpiece.



**Adjustable DownSlope:**  
A simple upward movement of the wrist triggers the downslope and the weld is completed smoothly and cleanly.

### USER PROTECTION

- **VRD (Voltage Reduction Device)** can be activated to reduce the no-load output voltage to < 35 V.

### PERFECT ON-SITE

- Compatible with extension leads of up to 100 m.
- Ventilation tunnel to reduce dust ingress.
- Reinforced chassis and anti-shock feet.
- Space-saving and easy to move on-site.
- Protected against overvoltage up to 400 V (PROTEC 400).
- Compatible with generators.

### ACCESSORIES (optional)



TIG 17 valve torch - 4 m  
087590



Supplied with accessories



3 m - 25 mm<sup>2</sup>



3 m - 25 mm<sup>2</sup>



Choice of welding mode and parameters

Current and welding aid settings



Worksite case  
IP67  
060432

50/60 Hz	2 m	A	I <sub>2</sub> MMA / TIG A	Ø mm	MMA EN 60974-1 (40°C)		TIG EN 60974-1 (40°C)		U <sub>0</sub> V	U <sub>R</sub> V	mm	cm	kg	kg	IP	Protected & compatible power generator (+/-15%)	
					I <sub>A</sub> (60%)	100%	I <sub>A</sub> (60%)	100%									
230 V - 1~	2 m	16	10 → 200	1.6 → 5	110 A	80 A	130 A	110 A	64	13.7	35/50	40 x 16 x 27	7.4	11.7	IP 21	10 kW	12.5 kVA
110 V - 1~		32	10 → 120	1.6 → 3.2	60 A	50 A	80 A	70 A									