Sturdy construction, designed for pipe welding, the TIG 220 DC is a high quality welder for mild and stainless steels (TIG and MMA). Its ergonomic interface makes settings adjustment easy and intuitive.

**OPTIMISED DC WELDING**
- **TIG DC**: continuous current for ferrous metals.
- **TIG DC Pulse**: reduces heat distortion of the workpiece.
- **SPOT**: fast and precise spot welding, ideal before welding thin metal sheets.
- **2 types of start-up**: HF (without contact) or LIFT (with contact) for electro-sensitive environments.
- **trigger modes**: 2T, 4T and 4T LOG.
- **Automatic detection of the torch**: compatible with trigger, double button and potentiometer torches.
- **AIP (Adjust Ideal Position)**: helps to position the torch before welding (4T & 4T LOG modes).

**MMA WELDING**
- **MMA**: Basic rutiles and rutile electrodes (up to Ø 5 mm).
- **MMA Pulse**: Developed for pipe welding as well as vertical up welding.

**STURDY**
- Reinforced panels & shockproof rubber pads on the external body.
- Light (12.5 kg), compact and easy to move on-site.

**ERGONOMIC INTERFACE**
- Displays current/voltage during and after welding (DMOS/QMOS).
- Save 10 programs for each process, for repetitive tasks.
- Food pedal and remote control (optional).

**HIGH-TECH POWER SUPPLY**
- **Flexible Voltage power supply**, the machine will work on a single phase power supply from 85 to 265 V.
- **PFC technology (Power Factor Correction)**, the electrical power supply usage is optimised for up to 30% energy savings.

**WATERCOOLING (optional)**
- **Automatic**, the cooling unit is controlled by the machine.
- **Easy connection** thanks to the two Plug & Play connectors.
- **Water cooled torch**, for better comfort and access to difficult areas.

**ACCESSORIES**
- Cooling unit:
- Torches 8m:
- Remote control:
- Foot pedal - 4m / 3kg
- Manual - 8m / 1kg
- Trolley 10m²
- Hand trolley 10m²

**SPECIFICATIONS**
- **TIG**: 165A @ 60% / 220A @ 35%
- **MMA**: 135A @ 60% / 200A @ 25%
- **Pulse**: 125A @ 60% / 180A @ 40% / 900V
- **Welding Current**: 76 / 35/50 / 42x23x35
- **Weight**: 12.5 kg / 7 kW / 7 kVA

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