



# HELVI tigMAKER 210HF Pulse

**Product price:**

**748,35 € tax excluded**

## **Product description:**

HELVI tigMAKER 210HF Pulse

HELVI tigMAKER 210HF Pulse is a portable welding machine with inverter technology, which gives the possibility to choose the welding mode between: Tig 2-stroke, Tig 4-stroke, MMA (electrode).

The use of the HELVI tigMAKER 210HF Pulse welder is very simple, just choose the type of welding you want to perform using the two knobs and you can start working immediately.

HELVI tigMAKER 210HF Pulse is suitable for both experts and beginners. The HELVI gives you the possibility of selecting between three different types of welding so that you can select the one most suitable for the field for which you want to work.

With HELVI tigMAKER 210HF Pulse you can weld stainless steel and objects that should not be attacked by corrosion and oxidation, including those in the food industry.

### **TIG MODE:**

- 2-stage or 4-stage flashlight management;
- choice of arc start: LIFT or HF (high frequency);
- possibility of soldering in pulsed mode (frequency up to 2.5Hz - 50%).

### **HF TIG MODE:**

With HF mode, the electric arc is triggered remotely by the HF device.

The advantage is that it is not necessary to touch the base material with the electrode.

### **Electrode mode (MMA):**

- simple welding with hot start;
- arc force (increases soldering current if the arc is too short);
- anti-sticking (prevents sticking of the electrode on the workpiece).



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## TECHNICAL FEATURES HELVI tigMAKER 210HF Pulse

Power supply: (1ph) 230V 50/60Hz

Working range: TIG - 5 ÷ 200 A - MMA - 5 ÷ 170 A

TIG - Duty cycle 40°C: 200 A @ 25% - 130 A @ 60% - 100 A @ 100%

MMA - Duty cycle 40°C: 170 A @ 25% - 110 A @ 60% - 85 A @ 100%

Electrode diameter: Ø 1.6 ÷ 4.0 mm

Electrode type: 6013 - 7018

Isolation class: H

Protection class: IP23S

Length: 400 mm

Width: 140 mm

Height: 245 mm

Weight: 8 Kg

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Images and technical data are not binding and may be subject to revision by the supplier

### Product features:

Phase: Single phase

Frequency (Hz): 50 / 60

Voltage (V): 230

Protection degree: IP22S

Motor insulation class: H

Amp. 60974-1 (40°): 200 A @ 25% • 130 A @ 60% • 100 A @ 100%

Diameter electrodes (mm): 1,6 ÷ 4,0

Maximum diameter electrodes (mm): 4.0

Type of welding: MMA / MIG

Length (mm): 400

Width (mm): 140

Height (mm): 245

Voltage regulator: Inverter

Weight (Kg): 8