



# GYS PROTIG 161 DC HF TIG-MMA WELDER



**Product price:**

**572,00 € tax excluded**

## **Product description:**

### GYS PROTIG 161 DC HF TIG WELDER

The GYS PROTIG 161 DC HF WELDING MACHINE is a compact and versatile welding machine designed for craftsmen and hobbyists who want a high quality machine for TIG and MMA welding work. With its secondary adjustment, the GYS PROTIG 161 DC HF WELDING MACHINE guarantees optimum arc stability and constant current in all positions, ensuring precision welding results on a variety of materials.

## **Main features:**

TIG DC process: For high quality welding on mild steel, stainless steel, copper and copper alloys.  
Pulsed DC TIG process: Controls the temperature of the melt pool, limits deformation and protects thin sheets (from 0.3 mm).

SPOT function: Fast and precise tip for joining thin sheets.

2 trigger types:

HF (high frequency): Non-contact trigger for clean and precise ignition.

LIFT (contact): Contact trigger for electrosensitive environments.

3 trigger modes: 2T,4T,4T LOG

Automatic torch detection: Compatible with reed torches (French button) and double button.

MMA process: For welding with basic and rutile electrodes (up to Ø 4 mm).

Pulsed MMA process: Facilitates vertical welding on pipes and tubes.

3 welding aids:

Antisticking: Reduces the risk of sticking of the electrode.

Hot Start: Facilitates ignition and adjusts to the type of metal.

Arc Force: Instant current boost for better penetration.

Additional features:





Current and voltage display: During and after welding for precise parameter control.  
Storage of 10 programmes: For each process for perfect weld reproducibility.  
Intelligent ventilation management: Reduces energy consumption, dust extraction and noise.

Reinforced casing and shockproof feet: For greater strength and stability.  
Lightweight (7.5 kg) and compact: Easy to transport and use on site.  
Overvoltage protected up to 400 V (PROTEC 400): For increased safety and reliability.  
The GYS PROTIG 161 DC HF WELDING MACHINE is the ideal choice for craftsmen and hobbyists looking for a versatile, powerful and easy-to-use welding machine.  
its many functions and features, this machine is able to meet the most demanding welding needs.

### Technical features:

Technology: TIG MMA  
Welding processes: TIG, MMA  
Supply voltage: 230 V - 1~  
Supply current: 16 A  
I<sub>2</sub> TIG: 10 - 160 A  
I<sub>2</sub> MMA: 10 - 160 A  
Mains frequency: 50/60 Hz  
Reference standard: EN 60974-1 (40°C)  
TIG:  
IA (60%): 105 A  
X% (I<sub>2</sub> max): 20  
100%: 95 A  
MMA:  
IA (60 %): 95 A  
X% (I<sub>2</sub> max): 15  
100%: 80 A  
Weight: 7.5 kg  
Degree of protection: IP 21  
Power consumption: 6 kW  
Apparent power: 7.5 kVA  
weight: 7.5 kg  
Dimensions: 36 x 16 x 28 cm

Looking for a portable welding machine with different features? Here you can find the whole range of HELVI or other specialized brands

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





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**Product features:**

Phase: Single phase

Frequency (Hz): 50 / 60

Voltage (V): 230

Protection degree: IP21

Product dimensions (mm): 360 x 160 x 280

Regulation current (A): 10 ÷ 150 A

Amp. 60974-1 (40°): 105 A - 20 %- 95 A - 95 A - 15 % - 80 A

Type of welding: MMA / MIG

Weight (Kg): 7.5

Maximum input power (KW): 6

