



# MOSA MAGIC WELD250

## Motor Welding Machine

### Stage5 50hz - 60Hz

Product price:

**2,580.00 € tax excluded**

#### Product description:

#### **MOSA MAGIC WELD250 Motor Welding Machine Stage5 50hz - 60Hz**

The MOSA MAGIC WELD250 Stage5 motor welder stands out as an excellent choice for welders looking for a reliable, versatile and powerful machine. Powered by petrol, this single-phase motor welder offers the flexibility to be used in different conditions, even without mains power.

#### **AVAILABLE VERSIONS MAGIC WELD 250 - HONDA GX390 (3600 rpm)**

C1VN7000 Socket- 230V 16A CEE - 50Hz

C1VN7010 Socket- 230V 16A Schuko - 50Hz

C1VN7030 Socket - 110V 16A CEE - 50Hz

C1VN7070 Socket- 110V 15A USA - 60Hz

#### **Robust performance:**

Power: With a maximum output of 3.3 kVA (2.4 kW) and a welding current of 250 A at 25 V, the MAGIC WELD250 guarantees high performance to tackle a wide range of welding jobs.

Duty cycle: The generous duty cycle of 220 A at 28.8 V at 35%, 200 A at 28 V at 60% and 175 A at 27 V at 100% ensures continuous and prolonged welding.

Deep penetration: The high trigger voltage of 70 VDC (peak VDC) guarantees deep arc penetration, ideal for robust and strong welds.

#### **Versatility and ease of use:**

Welding processes: The MAGIC WELD250 supports the arc welding process with SMAW (STICK) coated electrodes, one of the most popular and versatile methods.

Continuous current regulation: Continuous current adjustment from 20 A at 20.8 V up to 250 A at 25 V offers precise control to suit different welding requirements.

Portability: The compact design and light weight of 71 kg, combined with the sturdy carrying



handle,  
make the MAGIC WELD250 easily transportable from place to place.

### **Additional features:**

Fuel level indicator: Allows you to monitor fuel levels  
and plan refuelling efficiently.

IP23 protection: Provides resistance to dust and water jets,  
allowing use in outdoor environments.

Large fuel tank: The 6.1-litre tank offers a good working range.

### **Technical specifications MOSA MAGIC WELD250 Stage5 motor welding machine**

Fuel: Petrol

Phase type: Single-phase

Voltage and frequency: (50Hz - 230V) - (60hz - 110V)

Power kVA (Power kW) Max 3.3 kVA (2.4 kW) 2.1 kVA

Welding current (A): 250 A @ 25V

Type of regulation continuous 20A @ 20.8V - 250A @ 25V

Service 220A @ 28.8V / 35% | 200A @ 28V / 60% | 175A @ 27V / 100%

Trigger voltage (open circuit voltage) 70 VDC (VDC peak)

Arc penetration No

Welding processes: SMAW coated electrode (STICK)

Acoustic power LwA (LpA pressure): 99 dB(A) (74 dB(A) @ 7 m)

LENGTH (mm): 630

WIDTH (mm): 490

HEIGHT (mm): 540

DRIFT WEIGHT (kg): 71

Degree of protection: IP 23

Tank capacity: 6.1 l

Autonomy (welding 60%) 2.8 h

Engine model: HONDA GX 390 4-STROKE, OHV, NATURAL EXHAUST

Stand-by net power 8.7 kWm (11.8 hp)

Net power PRP 7 kWm (9.5 hp)

Welding current: 250A @ 25V

Service: 220A @ 28.8V / 35% | 200A @ 28V / 60% | 175A @ 27V / 100%

Trigger voltage (open circuit voltage): 70 VDC (VDC peak)

Are you looking for a motorwelding with other technical features? [HERE](#) you can find the whole range of MOSA motorwelding machines or other specialized brands

Images and technical data are not binding.

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**Product features:**

Phase: Single phase  
Maximum power single phase (KW): 2.4  
Maximum power single phase (KVA): 3.3  
Fuel: Gasoline  
Frequency (Hz): 50 / 60  
Voltage (V): 110 / 230  
Engine: Honda GX390  
Engine rpm (rpm): 3600  
Starting system: Manual  
Engine capacity (cm<sup>3</sup>): 389  
Number cylinders: 1  
Cooling: Air  
Alternator: Permanent magnets, self-excited, brushless  
Motor insulation class: H  
Welding current (A): 250A @ 25V  
Open circuit voltage (V): 70  
Fuel tank capacity (L): 6.1  
Consumption (L/h): 3.5 at 100% of the load  
Running time (h): 2.8  
Acoustic power: 99 dB(A)  
Acoustic pressure: 74 dB(A) at 7 m  
Length (mm): 630  
Width (mm): 490  
Height (mm): 540  
Dry weight (Kg): 71  
Engine manufacturer: Honda