



MOSA NEW MAGIC WELD

Arc welding machine MMA

2.4 kVA

Product description:

MOSA NEW MAGIC WELD MOTORWELDER ARC MMA 2.4 KVA

MOSA New Magic Weld is a motorwelder with gasoline engine for **arc welding** compact: the weight of the entire machine is only 34 kg. Powered by a Honda gasoline engine, it uses an innovative **permanent magnet alternator** to provide a welding current of up to 150 A DC.

The presence of an economizer realizes the concept of "power on demand", allowing the new Mosa to both save fuel and reduce engine wear.

The New Mosa motorwelder can weld any type of electrode (basic, rutile, cellulosic) up to 3.25 mm and takes full advantage of engine performance thanks to a technique called "Power Optimizer".

It is also possible to use the motorwelder Mosa as an auxiliary power generator up to 2 KW CC for the power supply of small tools or lamps.

The Mosa New Magic Weld is indispensable as a portable tool for the repair, it is compact and professional, easy to carry.

Technical Specifications motorwelder MOSA

Welding current: 30 ÷ 150 A

Service: 150 A - 60%

Triggering voltage (open circuit voltage): 67V

NOMINAL OUTPUT

Single-phase Output: 2 kW / 230 V dc / 8.7 A

Single-phase Output: 1.5 kW / 110 V / 13.6 A

GENERAL SPECIFICATIONS

Fuel: Gasoline

Phase type: Single phase

Voltage: 230 V



Maximum single-phase power 230 V (kVA): 2.4
Weldingcurrent (A): 150 A at 60%.
WeldingCurrent Type: DC
Weldingtype: MMA STICK
Tank capacity: 3.1 l
Autonomy (60% soldering): 3 h
Acoustic power LwA (pressure LpA): 99 dB(A) (74 dB(A) @ 7 m)
Supported electrodes: all maximum diameter 3.25 mm
Silenced: NO
LENGTH (mm): 435
WIDTH (mm): 375
HEIGHT (mm): 490
Dry weight (Kg): 34

Some welding machines incorporate the "Power Optimizer" function, designed and patented by new MOSA.

This is a specific control technique designed to avoid overloading the motor when it is operating at close to maximum power.

You can view all Mosa motorwelding machines in the [dedicated section](#).

Images and technical data are not binding.

Product features:

Phase: Single phase
Maximum power single phase (KW): 2
Continuous power single phase (KW): 1.6
Maximum power single phase (KVA): 2.5
Continuous power single phase (KVA): 2
Fuel: Gasoline
Frequency (Hz): 50
Voltage (V): 230
Engine: Honda GX200, 4 stroke, OHV
Engine rpm (rpm): 4000
Starting system: Manuale
Engine capacity (cm³): 196
Number cylinders: 1
Cooling: Air
Alternator: Permanent magnets, self-excited, brushless
Regulation current (A): 30 - 150
Welding current (A): 150 at 60%
Open circuit voltage (V): 67
Maximum diameter electrodes (mm): 3.25



Type of welding current: DC
Type of welding: MMA
Fuel tank capacity (L): 3.1
Consumption (L/h): 1.1
Running time (h): 3
Acoustic power: 99 dB(A)
Acoustic pressure: 74 dB(A) at 7 m
Length (mm): 435
Width (mm): 375
Height (mm): 490
Dry weight (Kg): 34
Silenced: No
Super silenced: No
Engine manufacturer: Honda