



## MOSA GM 5-200 HBM MOTORWELDING 5KVA

Reference: C1UN7030

### MOSA GM5-200 HBM MOTORWELDING 5KVA

MOSA GM5-200 HBM is a single-phase motorwelder equipped with a HONDA - GX 390 gasoline engine capable of delivering a power of 5KVA.

MOSA GM5-200 HBM is a motorwelder that performs the dual function of current source for arc welding and current generator for auxiliary generation.

The MOSA GM5-200 HBM motorwelder is intended for industrial and professional use. Driven by an endothermic engine, it consists of several parts such as: the engine, the alternator, the electrical and electronic controls, the body and a protective structure. The assembly is carried out on a steel structure on which elastic supports are foreseen in order to dampen vibrations and eventually eliminate resonances that would produce noise.

The MOSA GM5-200 HBM is built in accordance with IEC- EN 60974-10. It must be installed and operated in accordance with the provisions below to achieve electromagnetic compatibility. The limits required by IEC- EN 60974-10 may not be adequate to completely eliminate interference when the equipment involved is in close proximity or has a high degree of sensitivity. In these cases, it may be necessary to use other measures to further reduce interference.

#### TECHNICAL FEATURES MOSA GM5-200 HBM

Welding current: 40A / 21.6V ÷ 200A / 20V  
Service: 160A / 26.4V - 60%, 120A / 24.8 - 100%  
Trigger voltage (open circuit voltage): 85 V

#### ENGINE DATA

Model: HONDA - GX 390  
Fuel: Gasoline  
Net standby power: 8.2 kWm (11.1 hp)  
Net PRP power: 6.4 kWm (8.7 hp)  
Cylinders / Displacement: 1 / 389 cm<sup>3</sup> (0.39 l.)  
Bore / Stroke: 88 / 64 (mm)  
Compression Ratio: 8.2 : 1  
110 % (Standby power): 3.5 lt./h  
100 % PRP: 3.2 lt./h  
75 % PRP: 2.4 lt./h  
50 % PRP: 1.6 lt./h

#### NOMINAL OUTPUT

Single-phase output max: 5 kVA (kW) / 230 V / 21.7 A  
Single-phase output PRP: 4 kVA (kW) / 230 V / 17.4 A

Single-phase output max: 2.5 kVA (kW) / 115 V / 21.7 A  
 Single-phase output PRP: 2 kVA (kW) / 115 V / 17.4 A

#### GENERAL SPECIFICATIONS

Tank capacity: 6.1 l  
 Autonomy (60% soldering): 2.9 h  
 Measured acoustic power LwA: 97 dB(A) (71 dB(A) @ 7m)  
 Guaranteed acoustic power LwA: 97 dB(A) (71 dB(A) @ 7m)  
 Width: 870 mm  
 Length: 525 mm  
 Height: 613 mm  
 Dry weight: 97 kg

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Images and technical data are not binding.

### Technical Sheet

Phase	Single phase
Maximum power single phase (KVA)	5
Continuous power single phase (KVA)	4
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	1x 230V 16A 2P+T CEE1x 230V 16A 2P+T SCHUKO
Engine	Honda GX390, 4 stroke, OHV
Emissions Regulations	Stationary Use
Engine rpm (rpm)	3000
Starting system	Manuale
Engine capacity (cm <sup>3</sup> )	389
Number cylinders	1
Cooling	Air
Alternator	Asynchronous three-phase, self-excited, self-regulated, brushless
Regulation current (A)	40 - 200
Welding current (A)	160 (max) - 120 at 60%
Open circuit voltage (V)	85
Type of welding current	DC
Type of welding	MIG-MAG
Fuel tank capacity (L)	6.1
Consumption (L/h)	3.2 at 100% of the load

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Acoustic power	97 dB(A)
Acoustic pressure	71 dB(A) at 7 m
Length (mm)	870
Width (mm)	525
Height (mm)	613
Dry weight (Kg)	97
Silenced	No
Super silenced	No
Engine manufacturer	Honda

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