

## MOSA GM 7-200 HBT MOTORWELDING 7KVA

Reference: C1TN7000



### MOSA GM7-200 HBT MOTORWELDING 7KVA

MOSA GM7-200 HBT is a three-phase motor welding machine equipped with a HONDA - GX 390 gasoline engine capable of delivering a power of 7KVA.

The MOSA GM7-200 HBM is a motor welder that performs the dual function of current source for arc welding and current generator for auxiliary generation.

The MOSA GM7-200 HBM motor welder 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 bodywork 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 HBM MOSA GM7-200 is built in accordance with IEC- EN 60974-10. It must be installed and operated in accordance with the following provisions in order to achieve electromagnetic compatibility.

#### TECHNICAL FEATURES MOSA GM7-200 HBM

Welding current: 40A / 21.6V + 200A / 20V  
Service: 160A / 26.4V - 60%, 120A / 24.8 - 100%  
Trigger voltage (no-load voltage): 85 V

#### MOTOR DATA

Model: HONDA - GX 390  
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 lt.)  
Bore / Stroke: 88 / 64 (mm)  
Compression ratio: 8.2 : 1  
RPM controller: Mechanical  
110 % (Standby Output): 3.5 lt./h  
100 % PRP: 3.2 lt./h  
75 % PRP: 2.4 lt./h  
50 % PRP: 1.6 lt./h  
Cooling system: Air  
Sump oil capacity: 1.1 lt.

#### NOMINAL OUTPUT POWER

Three-phase max Output: 7 kVA (5.6 kW) / 400 V / 10.1 A  
Three-phase PRP Output: 6.5 kVA (5.2 kW) / 400 V / 9.4 A

Single-phase PRP Output: 4 kVA / 230 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: 100 Kg

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Images and technical data are not binding.

### Technical Sheet

Phase	Three phase
Continuous power single phase (KVA)	4
Maximum power three phase (KVA)	7
Continuous power three phase (KVA)	6.5
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	
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

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)	100
Silenced	No
Super silenced	No
Engine manufacturer	Honda