



# MOSA TS 200 BS/EL-P MOTORWELDER 6 KVA



**Product price:**

**2.600,00 € tax excluded**

## **Product description:**

MOSA TS200 BS/EL-P MOTORWELDING 6KVA

MOSA TS200 BS/EL-P is a three-phase motorwelder equipped with a HONDA - GX 390 engine with gasoline power supply, capable of delivering a power of 6KVA.

The MOSA TS200 BS/EL-P is a motorwelding machine that performs the dual function of current source for arc welding and current generator for auxiliary generation.

The MOSA TS200 BS/EL-P 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 bodywork and a protective structure.

The assembly of the MOSA TS200 BS/EL-P motorwelding machine is carried out by the operator.

The assembly of the motorwelding machine is carried out on a steel structure on which elastic supports are foreseen in order to absorb vibrations and eventually eliminate resonances that would produce noise.

MOSA TS200 BS/EL-P is equipped with an Isolation Monitor to prevent intentional connection of the PE (12) earth terminal to an earth system. Located on the front of the machine, the Isolation Monitor continuously monitors the ground insulation of active parts.

The MOSA TS200 BS/EL-P motorwelding machine incorporates the "Power Optimizer" function, designed and patented by MOSA. This is a specific control technique intended to avoid overloading the motor when it is working close to maximum power. With the "Power Optimizer" it is possible to ensure stable and optimal operation in all welding conditions, making full use of the motor's power.

TECHNICAL FEATURES MOSA TS200 BS/EL-P



Fuel: Gasoline  
Phase Type: Single-Phase/Three-Phase  
Voltage: 230 V / 400 V  
Maximum Power Single-Phase 230 V: 4KVA  
Maximum Power Three-Phase 400 V: 6KVA

#### MOTOR DATA

Model: HONDA - GX 390  
Net standby output: 8.2 kWm (11.1 hp)  
Net PRP output: 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  
75 % PRP: 2.4 l/h  
50 % PRP: 1.6 l/h

#### DC WELDING DATA

Adjustment range: 20 ÷ 170 A  
Current (A): 170 A - 60% | 140 A - 100%  
Current type: DC  
Trigger voltage (open-circuit voltage) 65 V  
Arrow penetration No  
Welding type: MMA STICK  
Electrodes supported: all maximum diameter 3.25 mm

#### GENERAL SPECIFICATIONS

Tank capacity 6. 1 l  
Fuel consumption (welding 60%): 2 l/h  
Autonomy (welding 60%): 3 h  
Protection class: IP 23  
Acoustic output LwA: 98 dB(A) (73 dB(A) @ 7 m)  
Length (mm): 870  
Width (mm): 525  
Height (mm): 590  
Dry weight (Kg): 106

Are you looking for a motorwelding with different characteristics? Here you can find the full range of MOSA or other specialized brands.

Images and technical data not binding.

**Product features:**

Phase: Single phase / Three phase

Maximum power single phase (KW): 3.2

Maximum power single phase (KVA): 4

Maximum power three phase (KW): 4.8

Maximum power three phase (KVA): 6

Fuel: Gasoline

Frequency (Hz): 50

Voltage (V): 230 / 400

Sockets configuration: 1x400V 16A 3P+N+T CEE - 1x230V 16A 2P+T CEE

Engine: Honda GX390, 4 stroke, OHV

Emissions Regulations: Stationary Use

Engine rpm (rpm): 3000

Starting system: Manual

Engine capacity (cm<sup>3</sup>): 389

Number cylinders: 1

Cooling: Air

Alternator: Asynchronous three-phase, self-excited, self-regulated, brushless

Regulation current (A): 20 - 170

Welding current (A): 170 A - 60% | 140 A - 100%

Open circuit voltage (V): 65

Maximum diameter electrodes (mm): 3.25

Type of welding current: DC

Type of welding: MMA

Fuel tank capacity (L): 6.1

Consumption (L/h): 2

Running time (h): 3

Acoustic power: 98 dB(A)

Acoustic pressure: 73 dB(A) at 7 m

Length (mm): 870

Width (mm): 525

Height (mm): 590

Dry weight (Kg): 106

Silenced: No

Super silenced: No

Engine manufacturer: Honda

