



# MOSA TS 2x280 EVO motorwelder 15 kVA

**Product price:**

**15.848,70 € tax excluded**

## **Product description:**

### MOSA TS2x280 EVO 15KVA MOTORWELDING

MOSA TS2x280 EVO MotorWelding 15kVA Multiprocess is a professional machine with DSP (Digital Signal Processor) digital adjustment of welding parameters and welding circuit in Chopper technology (high frequency 20 kHz).

MOSA TS2x280 EVO is equipped with a KUBOTA V1505 diesel engine and an asynchronous alternator, and can be used simultaneously as a motorwelding and as a three-phase and single-phase generator set. MOSA TS2x280 EVO is suitable for continuous duty due to its motor rotation speed of 1500 rpm.

MOSA TS2x280 EVO is designed to meet the needs of professional DC welding; a selector switch allows the user to choose from 5 different welding programs.

This is a super-silent motorwelder with a compact casing, suitable for a wide range of applications including the construction of metal structures, oil pipelines and use on construction sites.

The MOSA TS 2x280 EVO MULTI4 motorwelder that performs the dual function of current source for arc welding, current generator for auxiliary generation.

The motorwelder is intended for industrial and professional use. Driven by an endothermic engine, it is composed of different 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 provided in order to dampen

vibrations and eventually eliminate resonances that would produce noise.

## TECHNICAL FEATURES MOSA TS2x280 EVO

### SMAW HEATING

Current: 20A ÷ 250A (DUAL)





Current: 40A ÷ 500A (SINGLE)

Service: 250A - 60% / 230A - 100% (DUAL)

Service: 480A - 60% / 440A - 100% (SINGLE)

Trigger voltage (open circuit voltage): 70 VDC (75 VDC peak)

#### GTAW WELDING

Current: 20A ÷ 250A (DUAL)

Current: 40A ÷ 500A (SINGLE)

Service: 250A - 60% / 230A - 100% (DUAL)

Service: 480A - 60% / 440A - 100% (SINGLE)

Trigger voltage (open-circuit voltage): 70 VDC (75 VDC peak)

#### NOMINAL OUTPUT POWER

Three-phase power: 15 kVA (15 kW) / 400 V / 21.6 A

Single-phase power: 7 kVA (7 kW) / 230 V / 30.4 A

Single-phase power: 5 kVA (5 kW) / 115 V / 43.5 A

#### ENGINE DATA

Model: KUBOTA V1505

Net stand-by power: 25.5 kW (34.5 HP)

Cylinders / Displacement: 4/ 1498 cm<sup>3</sup> (1.5 l)

Bore / Stroke: 77 / 78.4 (mm)

Compression ratio: 24 : 1

RPM controller: Mechanical

110 % (Stand-by power): 7.6 l/h

100 % PRP: 6.5 l/h

75 % PRP: 4.7 l/h

50 % PRP: 3.3 l/h

Total capacity - engine only: 5.4 l

Fan air flow: 90m<sup>3</sup>/min

#### GENERAL SPECIFICATIONS

Tank capacity: 60 l

Autonomy (60% soldering): 13 h

Acoustic power LwA (pressure LpA): 98 dB(A) (73 dB(A) @ 7 m)

Length: 1600 mm

Width: 790 mm

Height: 1000 mm

Dry weight: 700 Kg

Discover all our motorwelding by clicking [here!](#)

Images and technical data Mosa TS2x280 EVO not binding.



**Product features:**

Phase: Single phase / Three phase  
Maximum power single phase (KVA): 7  
Maximum power three phase (KVA): 15  
Fuel: Diesel  
Frequency (Hz): 50 / 60  
Voltage (V): 230 / 400  
Engine: KUBOTA V1505  
Emissions Regulations: Stationary Use  
Engine rpm (rpm): 1500  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 1498  
Number cylinders: 4  
Cooling: Water  
Inyección : Indirect  
Alternator: Asynchronous three-phase, self-excited, self-regulated, brushless  
Welding current (A): 20A ÷ 250A40A ÷ 500A  
Open circuit voltage (V): 70  
Maximum diameter electrodes (mm): 8  
Type of welding current: CC / CV  
Type of welding: SMAW (STIK -Elettrodo rivestito)GTAW (TIG con innesco a striscio  
Fuel tank capacity (L): 60  
Consumption (L/h): 4.7 at 75% of the load  
Running time (h): 13  
Acoustic power: 98 dB(A)  
Acoustic pressure: 73 dB(A) at 7 m  
Length (mm): 1600  
Width (mm): 790  
Height (mm): 1000  
Dry weight (Kg): 700  
Silenced: Yes  
Super silenced: Yes  
Engine manufacturer: Kubota

