



# MOSA DSP 500 YS motorwelder 16 kVA

**Product price:**

**12.397,73 € tax excluded**

## **Product description:**

MOSA DSP500 YS MOTORWELDING 6KVA

MOSA DSP500 YS motorwelding 16kVA 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 DSP500 YS is equipped with a YANMAR 4TNV88 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 DSP500 YS Thanks to the motor rotation speed of 1500 rpm, it is suitable for continuous duty.

MOSA DSP500 YS is designed to meet the needs of professional DC welding, with a selector switch allowing the user to choose from 5 different welding programs.

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

Mosa DSP500 YS is equipped with a MOSA DSP control unit front panel and a circular military connector to which a Mosa remote control or a Mosa wire feeder can be connected for MIG MAG welding. When the external connector is inserted, the control is automatically switched to the knob on the remote unit. All machines in this series are equipped with a digital measuring instrument for reading the welding current and voltage.

## **TECHNICAL FEATURES MOSA DSP500 YS**

Welding current: 20A ÷ 500A

Type of regulation: Continuous on 2 scales: 20A ÷ 250A / 20A ÷ 500A

Service: 500A - 60% / 450A - 100%

Trigger voltage (no-load voltage): 62 VDC (65 VDC peak)

Three-phase power: 16 kVA / 400 V / 23.1 A

Single-phase power: 10 kVA / 230 V / 43.5





Motor model: YANMAR 4TNV88

Power supply: Diesel

Boosting: Electric

Tank capacity: 60 l

Run time (Welding 60%): 19 h

Measured acoustic power LwA: 94 dB(A) (69 dB(A) @ 7 m)

Guaranteed acoustic power LwA: 95 dB(A) (70 dB(A) @ 7 m)

Length: 1720 mm

Width: 850 mm

Height: 1128 mm

Dry weight: 720 Kg

see all our motorwelding by clicking here!

Images and technical data Mosa DSP500 YS not binding.

#### **Product features:**

Phase: Single phase / Three phase

Maximum power single phase (KVA): 10

Maximum power three phase (KVA): 16

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230 / 400

Engine: Yanmar 4TNV88, 4 stroke

Emissions Regulations: Stationary Use

Engine rpm (rpm): 1500

Starting system: Electric

Engine capacity (cm<sup>3</sup>): 2216

Number cylinders: 4

Cooling: Water

Inyección : Indirect

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

Welding current (A): 500A - 60% / 450A - 100%

Open circuit voltage (V): 62

Maximum diameter electrodes (mm): 8

Type of welding current: CC / CV

Type of welding: Multiprocess

Fuel tank capacity (L): 60

Consumption (L/h): 3.4 at 75% of the load

Running time (h): 19

Acoustic power: 94 dB(A)

Acoustic pressure: 69 dB(A) at 7 m



Length (mm): 1720

Width (mm): 850

Height (mm): 1128

Dry weight (Kg): 720

Silenced: Yes

Super silenced: Yes

Engine manufacturer: Yanmar