



# MOSA TS 500 PS/BC 60 Hz MMA TIG Welder

Product price:

**12.737,68 € tax excluded**

## Product description:

### MOSA TS500 PS-BC MMA TIG MOTORWELDING

MOSA TS500 PS-BC is a single/threephase motorwelding equipped with a Yanmar 3 TNV 76 diesel engine capable of delivering a maximum power of 16KVA.

MOSA TS500 PS-BC is equipped with a Perkins 400 series diesel engine and an asynchronous alternator. Due to the motor rotation speed of 1800 rpm, it is suitable for continuous duty. The BC (base current) characteristic is particularly suitable for downward pipe welding.

MOSA TS500 PS-BC is designed to meet the needs of professional DC welding and is capable of welding any type of electrode (basic, rutile, cellulosic) up to 8 mm.

It is a super-silent motorwelding with a compact casing. It can operate simultaneously as a welder and as a threephase and singlephase generator set.

MOSA TS500 PS-BC lends itself to a wide range of applications, including the construction of metal structures, pipelines and construction site use.

The MOSA TS500 PS-BC motorwelding is equipped with a sturdy frame, which not only protects the machine from impact, but also reduces its noise emission making it super quiet, with a sound emission of 69 dB perceived at 7 m.

The small size and moderate weight of the threephase 16 KVA MOSA TS500 PS-BC motorwelder make it one of the most popular professional products in the MOSA line.

## TECHNICAL FEATURES MOSA TS500 PS-BC

Fuel: Diesel

Phase type: Singlephase / Threephase

Voltage: 110 V / 230 V / 400 V

Maximum singlephase 110 V power (kVA): 6



Maximum singlephase 230 V power (kVA): 12  
Maximum threephase 400 V power (kVA): 16  
Welding current (A): 500 A at 35% - 450 A at 60% - 400 A at 100%  
Welding current type: DC  
Welding Type: MMA STICK  
Electrodes Supported: all maximum 8 mm diameter  
Silenced: Supersilenced 69 dB(A) @ 7m  
LENGTH (mm): 1720  
WIDTH (mm): 980  
HEIGHT (mm): 1110  
Dry weight (Kg): 780  
Electric start  
Socket for gouging

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

Images and specifications are not binding and may be subject to revision by the supplier.

#### **Product features:**

Phase: Single phase / Three phase  
Maximum power single phase (KW): 9.6  
Maximum power single phase (KVA): 12  
Maximum power three phase (KW): 12.8  
Maximum power three phase (KVA): 16  
Fuel: Diesel  
Frequency (Hz): 60  
Voltage (V): 230 / 400  
Sockets configuration: 1x400V 32A 3P+N+T CEE + 1x230V 32A 2P+T CEE + 1x110V 32A 2P+T CEE + 1x110V 16A 2P+T CEE  
Engine: PERKINS 404D-22G, 4 stroke, naturally aspirated  
Emissions Regulations: Stationary Use  
Engine rpm (rpm): 1800  
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  
Regulation current (A): 20 - 500  
Welding current (A): 500 at 35% - 450 at 60% - 400 at 100%  
Open circuit voltage (V): 70



Maximum diameter electrodes (mm): 8

Type of welding current: DC

Type of welding: MMA / MIG

Fuel tank capacity (L): 60

Consumption (L/h): 4.2

Running time (h): 14.5

Acoustic power: 94 dB(A)

Acoustic pressure: 69 dB(A) at 7 m

Length (mm): 1720

Width (mm): 980

Height (mm): 1110

Dry weight (Kg): 780

Silenced: Yes

Super silenced: Yes

Engine manufacturer: Perkins

