



# MOSA TS 600 PS-BC motorwelder MMA TIG

## Product description:

MOSA TS600 PS-BC MOTORWELDING 40KVA

**MOSA TS600 PS-BC is a single/threephase motorwelding** machine equipped with a Perkins 1103A - 33TG1 engine with Diesel power supply capable of delivering a power of 40KVA.

The MOSA TS600 PS-BC motorwelding is a professional machine with electronic regulation of the current. Thanks to the motor rotation speed of 1500 rpm, it is suitable for continuous service. The characteristic BC (base current) is particularly suitable for downward pipe welding.

MOSA TS600 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.

This is a supersilenced motorwelding machine with a compact fairing. It can operate simultaneously as a welder and as a threephase and singlephase generator set. MOSA TS600 PS-BC lends itself to a wide range of applications, including the construction of metal structures, oil pipelines and use on construction sites.

The MOSA TS400 PS-BC motorwelding is equipped with a sturdy frame, which in addition to protecting the machine from shocks, also reduces the noise emission making it super quiet, with a sound emission of **72 dB perceived at 7 m**

## TECHNICAL FEATURES MOSA TS600 PS-BC

Fuel: Diesel

Phase type: Singlephase / Threephase

Voltage: 110 V / 230 V / 400 V

Maximum singlephase 110 V power (kVA): 8

Maximum singlephase 230 V power (kVA): 15

Maximum threephase 400 V power (kVA): 40





Welding current (A): 600 A at 35% - 550 A at 60% - 500 A at 100%

Welding current type: DC

Welding Type: MMA STICK

Electrodes Supported: all maximum 8 mm diameter

Silenced: Supersilenced 72 dB(A) @ 7m

LENGTH (mm): 2030

WIDTH (mm): 870

HEIGHT (mm): 1130

Dry weight (Kg): 1025

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 brands specializing in the field

Pictures and technical data are not binding

#### **Product features:**

Phase: Single phase / Three phase

Maximum power single phase (KW): 12

Maximum power single phase (KVA): 15

Maximum power three phase (KW): 32

Maximum power three phase (KVA): 40

Fuel: Diesel

Frequency (Hz): 50

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 1103A-33TG1, 4 stroke turbocharged

Emissions Regulations: Stationary Use

Engine rpm (rpm): 1500

Starting system: Electric

Engine capacity (cm<sup>3</sup>): 3300

Number cylinders: 3

Cooling: Water

Inyección : Direct

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

Regulation current (A): 20 - 600

Welding current (A): 600 at 35% - 550 at 60% - 500 at 100%

Open circuit voltage (V): 75

Maximum diameter electrodes (mm): 8

Type of welding current: DC





Type of welding: MMA / MIG  
Fuel tank capacity (L): 65  
Consumption (L/h): 6  
Running time (h): 10.5  
Acoustic power: 97 dB(A)  
Acoustic pressure: 72 dB(A) at 7 m  
Length (mm): 2330  
Width (mm): 870  
Height (mm): 1130  
Dry weight (Kg): 1025  
Silenced: Yes  
Super silenced: Yes  
Engine manufacturer: Perkins