



## MOSA TS 600 PS-BC motorwelder MMA TIG

Reference: C1EJ1020 /

### 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 specializing in the field

Pictures and technical data are not binding

## Technical Sheet

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

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Length (mm)	2330
Width (mm)	870
Height (mm)	1130
Dry weight (Kg)	1025
Silenced	Yes
Super silenced	Yes
Engine manufacturer	Perkins

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