



## MOSA TS 400 PS-BC motorwelder MMA TIG

Reference: C1BC1029

### MOSA TS400 PS-BC MMA TIG MOTORWELDER

**MOSA TS400 PS-BC is a single/threephase motorwelding** machine equipped with a Perkins 400 series diesel engine capable of delivering a maximum power of 16KVA.

MOSA TS400 PS-BC is equipped with a Perkins 400 series diesel engine and an asynchronous alternator. Due to the motor rotation speed of 1500 rpm it is suitable for continuous duty. The BC (base current) feature is particularly suitable for downward pipe welding.

MOSA TS400 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. The BC (base current) feature is particularly suitable for downward.

MOSA TS400 PS-BC is a silenced motorwelding with a compact casing. It can operate simultaneously as a welder and as a threephase and singlephase generator set. Suitable for a wide range of applications, including metal structure construction, pipeline construction and construction site use.

The motorwelding MOSA TS400 PS-BC 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 **69 dB perceived at 7 m**

The small size and moderate weight of the threephase 16 KVA motorwelding MOSA TS400 PS-BC, make it one of the most requested professional products of the MOSA line.

#### TECHNICAL FEATURES MOSA TS400 PS-BC

Fuel: Diesel  
Phase type: Singlephase / Threephase  
Voltage: 48 V / 230 V / 400 V  
Maximum singlephase 48 V power (kVA): 5  
Maximum singlephase 110 V power (kVA): 6  
Maximum singlephase 230 V power (kVA): 12  
Maximum threephase 400 V power (kVA): 16  
Welding current (A): 400 A at 60% - 350 A at 100%  
Welding current type: DC  
Welding Type: MMA STICK - TIG  
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.

""

## Technical Sheet

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)	50
Voltage (V)	230 / 400
Sockets configuration	1x400V 32A 3P+N+T CEE + 1x230V 32A 2P+T CEE + 1x230V 16A 2P+T CEE + 2 prese DINSE 200 A per 48V
Engine	PERKINS 404A-22G1, 4 stroke naturally aspirated
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
Regulation current (A)	20 - 400
Welding current (A)	400 at 60% - 350 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)	3.8

Running time (h)	16
Acoustic power	91 dB(A)
Acoustic pressure	66 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