



# MOSA TS 300 KSX-EL Silenced TIG MMA Arc Welder

## Product description:

MOSA TS300 KSX/EL MOTORWELDING 10KVA

MOSA TS300 KSX/EL is a **lightweight and efficient motorwelding**, equipped with a KOHLER KD477-2 Diesel engine capable of delivering a power of 10KVA.

MOSA TS300 is equipped with a KOHLER KD477-2 Diesel engine and an asynchronous alternator, can be used simultaneously as a motorwelding and as a three-phase and single-phase generator set.

The welding current is continuous and can weld any type of electrode (basic, rutile, cellulosic) up to 6 mm in diameter.

MOSA TS 300 KSX/EL is suitable for a wide range of uses, such as work on building structures and piping.

The difference between the two models lies in their level of soundproofing. MOSA TS 300 is a super-silenced motorwelding, specially designed to reduce noise emission.

## Standard version:

- Sockets: 1x400V 32A 3P+N+T CEE + 1x230V 32 A 2P+T CEE + 2 DINSE 200 A sockets for 48V

## Versions on request

- Sockets: 1x400V 32 A 3P+N+T CEE - 1x230V 32A 2P+T CEE + 2x230V 16A 2P+TCEE

- Sockets: 1x400V 32A 3P+N+TCEE - 1x230V 32 A 2P+TCEE + 2x110V 16A 2P+TCEE

## MOSA TS300 KSX/EL MOTORWELDING TECHNICAL SPECIFICATIONS

Fuel: Diesel

Phase Type: SinglePhase / ThreePhase

Voltage: 48 V / 110V / 230 V / 400 V

Max SinglePhase 230 V Output (kVA): 5  
Max ThreePhase 400 V Output (kVA): 10  
Max 110 V Power: 2.5  
Max 48 V power: 5  
Adjustment range: 20 A - 300 A  
Welding current (A): 300 A at 60% - 250 A at 100%  
Welding current type: DC  
Welding type: MMA STICK - TIG  
Electrodes supported: all maximum diameter 6 mm  
Silenced: 71 dB(A) @ 7m  
LENGTH (mm): 1320  
WIDTH (mm): 790  
HEIGHT (mm): 750  
Dry weight (Kg): 375  
Electrical Power

Are you looking for a product with different technical characteristics? Here you can find the full range MOSA or other brands specializing in the field.

Images and technical data are not binding.

#### **Product features:**

Phase: Single phase / Three phase  
Maximum power single phase (KW): 4  
Maximum power single phase (KVA): 5  
Maximum power three phase (KW): 8  
Maximum power three phase (KVA): 10  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 230 / 400  
Sockets configuration: 1x400V 32A 3P+N+T CEE + 1x230V 32A 2P+T CEE + 2 DINSE 200 A - 48V  
Engine: Kohler KD 477/2, 4 stroke  
Emissions Regulations: Stationary Use  
Engine rpm (rpm): 3000  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 954  
Number cylinders: 2  
Cooling: Air  
Inyección : Direct  
Alternator: Asynchronous three-phase, self-excited, self-regulated, brushless  
Protection degree: IP23

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Regulation current (A): 20 - 300  
Welding current (A): 300 at 60% - 250 at 100%  
Open circuit voltage (V): 70  
Maximum diameter electrodes (mm): 6  
Type of welding current: DC  
Type of welding: MMA / MIG  
Fuel tank capacity (L): 23  
Consumption (L/h): 2.5  
Running time (h): 9.2  
Acoustic power: 96 dB(A)  
Acoustic pressure: 71 dB(A) at 7 m  
Length (mm): 1320  
Width (mm): 790  
Height (mm): 750  
Dry weight (Kg): 375  
Silenced: Yes  
Super silenced: Yes  
Engine manufacturer: Kohler