



MOSA TS 300 KSX-EL Silenced TIG MMA Arc Welder

Reference: COPA6060 230-400

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.

Technical Sheet

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 ³)	954
Number cylinders	2
Cooling	Air
Inyección	Direct
Alternator	Asynchronous three-phase, self-excited, self-regulated, brushless
Protection degree	IP23
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
