



MOSA TS 250 KD-EL MMA Arc Welder with 6.5 kVA Kohler Engine

Reference: COLA5060 /

MOSA TS250 KD/EL MOTORWELDING MACHINE 6,5KVA

Mosa TS250 KD/EL is a light and efficient motor welding, equipped with a KOHLER KD477-2 Diesel engine capable of delivering a power of 6,5KVA.

The Mosa TS250 KD/EL motorwelder is equipped with electronic control of the welding current. Equipped with a KOHLER KD477-2 diesel engine and an asynchronous alternator, it can be used simultaneously as a welder and as a three-phase or single-phase generator set up to 6,5 kVA.

The welding current is continuous and has two scales (20-100A / 90-190A) which are selected by connecting two different sockets. The current is continuous and can weld with electrodes up to 6 mm in diameter.

MOSA TS250 KD/EL is also available with an optional remote welding control that allows adjustment of the welding current up to 20 meters from the welder. The Mosa TS250 KD/EL can weld any type of electrode (rutile, base, cellulose) up to 4 mm in diameter.

Technical characteristics MOSA TS250 KD/EL

Fuel: Diesel
Phase Type: SinglePhase / ThreePhase
Voltage: 48 V / 230 V / 400 V
Maximum SinglePhase 230 V power (kVA): 4.5
Maximum ThreePhase 400 V power (kVA): 6.5
WeldingCurrent (A): 250 A at 35% - 200 A at 60%
WeldingCurrent Type: DC
WeldingType: MMA STICK
Electrodes Supported: all maximum diameter 6 mm
Silenced: NO
LENGTH (mm): 1050
WIDTH (mm): 530
HEIGHT (mm): 630
Dry weight (Kg): 200
Electrical power

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Images and technical data are not binding.

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Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	3.6
Maximum power single phase (KVA)	4.5
Maximum power three phase (KW)	5.2
Maximum power three phase (KVA)	6.5
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x 400V 16A 3P+N+T CEE - 1 x 230V 16A 2P+T CEE - 1 x 48V 32A 2P CEE
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
Regulation current (A)	20 - 250
Welding current (A)	250 at 35% - 200 at 60%
Open circuit voltage (V)	70
Maximum diameter electrodes (mm)	6
Type of welding current	DC
Type of welding	MMA
Fuel tank capacity (L)	9
Consumption (L/h)	1.7
Running time (h)	5.3
Acoustic power	103 dB(A)
Acoustic pressure	78 dB(A) at 7 m
Length (mm)	1050
Width (mm)	530

Height (mm)	630
Dry weight (Kg)	200
Silenced	No
Super silenced	No
Engine manufacturer	Kohler
