

## MOSA TS 275 EVO MULTI 4 THREE-PHASE MOTORWELDER 8 KVA STAGE V



Reference: C1SS0061BP

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MOSA TS275 EVO MULTI 4 is a single-phase/three-phase motorwelder with a KOHLER KDW702 Stage V engine powered by diesel, capable of delivering a maximum power of 8KVA.

MOSA TS275 EVO is a super-silenced motorwelder with a compact fairing, suitable for a wide range of applications including the construction of metal structures, oil pipelines and construction site use.

MOSA TS275 EVO MULTI 4 exploits the potential of a 32-bit microcontroller to detect all welding parameters and control them. There are 6 different welding modes, each with 3 different profiles. This allows the machine to have a total of 18 saved programs.

With MOSA TS275 EVO MULTI 4 the user has the possibility not only of choosing the program but also of modifying it, customizing the machine according to his needs. The displays not only show the voltage and current during welding but also allow them to be set beforehand. The boards use the CAN protocol to communicate with each other in case of dual workstations, and have a real-time clock to generate log files.

Solder mode selector:

- Stick (SMAW)
- Stick contact
- Mig/Flux Cored (GMAW)
- Mig/Flux Cored contact
- Tig lift arc (GTAW)
- Tig pulse

TECHNICAL FEATURES MOSA TS275 EVO MULTI 4:

Phase Type: SinglePhase/ThreePhase

Maximum ThreePhase Power: 8 KVA / 6.4 KW

Maximum SinglePhase Power: 5 KVA / 5 KW

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

Frequency: 50 Hz

Fuel: Diesel

Engine: KOHLER KDW702

Emission Standard: Stage V

Engine RPM: 3000 RPM

Adjustment Range: 20A / 20.8V ÷ 270A / 21V (Stick) | 20A / 10.8V ÷ 270A / 20.8V (Tig)

Service: 200A / 28V @ 100% - 230A / 29.2V @ 60% (Stick) | 200A / 18V @ 100% - 230A / 19.2V @ 60% - 270A / 20.8V @ 35% (Tig)

Trigger voltage: 66 VDC

Fuel tank capacity: 38 l

Fuel consumption: 2.5 Lt/h 60 % of load  
 Run time: 15 h at 60 % of load  
 Acoustic pressure: 95 dB(A) (70 dB(A) @ 7 m)  
 Length: 1568 mm  
 Width: 710 mm  
 Height: 945 mm  
 Dry weight: 390 Kg

Are you looking for a motorwelder with different technical characteristics? [Here](#) you can find the area dedicated to MOSA motorwelder or other specialized brands.

Images and technical data are not binding and may be subject to revisions by the manufacturer.

## Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	5
Maximum power single phase (KVA)	5
Maximum power three phase (KW)	6.4
Maximum power three phase (KVA)	8
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	48 / 110 / 230 / 400
Engine	Kohler KDW702
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Electric
Alternator	Asynchronous, three-phase, brushless
Open circuit voltage (V)	66
Fuel tank capacity (L)	38
Consumption (L/h)	2.5
Running time (h)	15
Acoustic pressure	70 dB(A) at 7 m
Length (mm)	1568
Width (mm)	710
Height (mm)	945
Dry weight (Kg)	390
Silenced	Yes
Super silenced	Yes
Engine manufacturer	Kohler