



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

Reference: C1SS0060

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MOSA TS 275 EVO 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 TS 275 EVO is a supersilenced motorwelder with a compact fairing, suitable for a wide range of applications including the construction of metal structures, oil pipelines and construction site use.

The MOSA EVO CONTROL front panel allows, by means of an analog control, to have the indispensable functions for the users:

- Current adjustment
- Arch-force adjustment
- Half scale to increase the accuracy of the current setting

The user has the ability to not only choose the program but to modify it by customizing the machine to suit his needs. The displays not only show the voltage and current during welding, but also allow them to be set beforehand.

#### TECHNICAL FEATURES MOSA TS 275 EVO:

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  
Motor: 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 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                                    |
| Engine                           | Kohler KDW702                        |
| 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                 |
| 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                               |