



MOSA TS405 EVO MULTI 4 THREE-PHASE MOTOR WELDING MACHINE 14 KVA

Reference: C1KS1061BP

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MOSA TS405 EVO MULTI 4 is a single-phase/three-phase engine driven welder with Kohler KDW 1003 Stage V diesel engine, capable of delivering a maximum power of 14KVA.

MOSA TS405 EVO MULTI 4 is a super-silenced engine driven welder with a compact fairing, suitable for a wide range of applications including the construction of metal structures, oil pipelines and construction site use.

MOSA TS405 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.

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 TS405 EVO MULTI 4:

Phase Type: SinglePhase/ThreePhase
Maximum ThreePhase Power: 14 KVA / 11.2 KW
Maximum SinglePhase Power: 8 KVA / 8KW
Voltage: 48 V / 230 V / 400 V
Frequency: 50 Hz
Fuel: Diesel
Motor: KOHLER KDW 1003
Emission Standard: Stage V
Motor RPM: 3000 RPM
Setting range: 20 A ÷ 380 A 14 ÷ 45 V (MIG-WIRE ANIMATED)
Service: 325 A - 60% | 300 A - 100%
Trigger voltage: 75 V
Tank capacity: 38 l

Fuel consumption: 3.3 Lt/h
 Acoustic pressure: 70 dB (A) @ 7m
 Length: 1649 mm
 Width: 710 mm
 Height: 931 mm
 Dry weight: 475 Kg

Are you looking for a welding machine with different technical characteristics? [Here](#) you can find the area dedicated to MOSA Motor Welders 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)	8
Maximum power single phase (KVA)	8
Maximum power three phase (KW)	11.2
Maximum power three phase (KVA)	14
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	48 / 230 / 400
Sockets configuration	1x 400V 32A 3P+N+T IP67 AUS - 1x 230V 32A 2P+T IP67 AUS - 1x 230V 15A 2P+T IP67 AUS
Engine	Kohler KDW1003
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Electric
Alternator	Asynchronous, three-phase, brushless
Regulation current (A)	20 - 380
Open circuit voltage (V)	75
Fuel tank capacity (L)	38
Consumption (L/h)	3.3
Acoustic pressure	70 dB(A) at 7 m
Length (mm)	1649
Width (mm)	710
Height (mm)	931
Dry weight (Kg)	475
Silenced	Yes
Super silenced	Yes

Engine manufacturer

Kohler
