



MOSA TS 405 EVO

Reference: C1KS1060

MOSA TS405 EVO

The MOSA TS405 EVO is equipped with a Kohler diesel engine and an asynchronous, brushless alternator with a speed of 3000 rpm.

It is a motor welder with a compact casing, suitable for a wide range of applications including the construction of metal structures, pipelines and construction site use.

Welding EVO CONTROL:

Continuous welding current control

Welding scale switch

Connector for remote control Automatic switching when connector is plugged in.

Welding output sockets: 1x Welding (+) 400A

1x Welding (-) 400A

EVO INSTRUMENT:

Continuous welding current control

Continuous arc penetration control

Welding scale switch

Connector for remote control. Automatic switchover when inserting the connector.

Welding output sockets: 1x Welding (+) 400A

1x Welding (-) 400A

2x Display - 4 digits

Pre-setting welding current and arc

Current and voltage measurement during welding phase

VRD ON/OFF switch

Connector for connection to

PL400 box

Available versions:

400 V - 230 V - 48 V version

Three-phase power: 14 kVA (11.2 kW) / 400 V / 20.2 A

Single-phase power: 8 kVA/kW / 230 V / 34.8 A

Single-phase power: 5 kVA/kW / 48 V / 104 A

Sockets : 1 x 400V 32A CEE 1 x 230V 32A CEE 1 x 230V 16A CEE 1 x 48V

400V- 230V - 110V version

Three-phase power: 14 kVA (11.2 kW) / 400 V / 20.2 A

Single-phase power: 8 kVA/kW / 230 V / 34.8 A

Single-phase power: 4 kVA/kW / 110 V / 36.4 A?

Sockets: 1x 400V 32A CEE 1x 230V 32A CEE 1x 110V 32A CEE 1x 110V 16A CEE

EVO INSTRUMENT version

Three-phase power: 14 kVA (11.2 kW) / 400 V / 20.2 A

Single-phase power: 8 kVA/kW / 230 V / 34.8 A

Single-phase power: 4 kVA/kW / 110 V / 36.4 A?

Sockets: 1x 400V 32A CEE 1x 230V 32A CEE 1x 110V 32A CEE 1x 110V 16A CEE

Version EVO INSTRUMENT 400V - 230V - 48V CEE

Three-phase power: 14 kVA (11.2 kW) / 400 V / 20.2 A

Single-phase power: 8 kVA/kW / 230 V / 34.8 A

Single-phase power: 5 kVA/kW / 48 V / 104 A

Sockets : 1 x 400V 32A CEE 1 x 230V 32A CEE 1 X 230V 16A CEE 1 x 48V

Instrument version - 400V - 230V - 48V AUS

Three-phase power: 14 kVA (11.2 kW) / 400 V / 20.2 A

Single-phase power: 8 kVA/kW / 230 V / 34.8 A

Single-phase power: 5 kVA/kW / 48V / 104 A

Sockets: 1 x 400V 32A AUS 1 x 230V 32A AUS 1 x 230V 15A AUS

AUXILIARY GENERATION:

OUTPUT 1 - Power kVA (Power kW) Max: 14 kVA (11.2 kW)

OUTPUT 2 - Power kVA (Power kW) Max: 8 KVA - KW

OUTPUT 3 - Power kVA (Power kW) Max: 4 KVA - KW

OUTPUT 4 - Power kVA (Power kW) Max: 5 KVA - KW

Technical characteristics of the MOSA TS405 EVO motor welding machine:

Three-phase power: 14 kVA (11.2 kW) / 400 V / 20.2 A
 Single-phase power: 8 kVA/kW / 230 V / 34.8 A
 Voltage: 230 V / 400 V
 Tank capacity: 38 l
 Autonomy (100% welding): 11.5 h
 Guaranteed sound power level Lwa (LpA pressure): 96 dB(A) (71 dB(A) @ 7 m)
 Measured sound power Lwa (LpA pressure): 94.7 dB(A) (69.7 dB(A) @ 7 m)
 Dry weight: 455 kg
 Dimensions (LxWxH): 1433x710x945 mm
 Frequency: 50 Hz
 Fuel: Diesel
 Engine: KOHLER KDW 1003
 Motor speed: 3000 rpm
 Duty: 325 A - 60% / 300 A - 100%
 Trigger voltage: 75 V

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Images and technical data Mosa TS405 EVO not binding.

Technical Sheet

| | |
|----------------------------------|---|
| Phase | Single phase / Three phase |
| Maximum power single phase (KVA) | 8 |
| Maximum power three phase (KVA) | 14 |
| Fuel | Diesel |
| Frequency (Hz) | 50 |
| Voltage (V) | 48 / 110 / 230 / 400 |
| Engine | Kohler KDW1003 |
| Engine rpm (rpm) | 3000 |
| Starting system | Electric |
| Alternator | Asynchronous three-phase, self-excited, self-regulated, brushless |

| | |
|--------------------------|-------------------------|
| Regulation current (A) | 20A - 200A - 20A - 400A |
| Open circuit voltage (V) | 75 |
| Fuel tank capacity (L) | 38 |
| Consumption (L/h) | 4.9 |
| Acoustic power | 96 dB(A) |
| Acoustic pressure | 71 dB(A) at 7 m |
| Length (mm) | 1433 |
| Width (mm) | 710 |
| Height (mm) | 945 |
| Dry weight (Kg) | 455 |
| Engine manufacturer | Kohler |