



MOSA TS 400 YS motorwelder 16 KVA

Reference: C1BQ3060

MOSA TS400 YS MOTORWELDING 16KVA

MOSA TS400 YS is a single/three-phase motorwelding machine equipped with a YANMAR 4TNV88 diesel engine capable of delivering a maximum power of 16KVA.

MOSA TS400 YS is equipped with a YANMAR series 400 diesel engine and an asynchronous alternator. Thanks to the rotation speed of the motor of 1500 rpm it is suitable for continuous service. The BC (base current) characteristic is particularly suitable for downward.

MOSA TS400 YS is designed to meet the needs of professional DC welding, and is capable of any type of electrode (basic, rutile, cellulosic) up to 8 mm.

MOSA TS400 YS is a silenced motorwelder with a compact fairing. It can operate simultaneously as a welder and as a three-phase and single-phase generator set. Suitable for a wide range of applications, including metal structure construction, pipeline construction and construction site use.

The MOSA TS400 YS motorwelder is equipped with a sturdy frame, which in addition to protecting the machine from shocks, also reduces the noise emission making it super silent, with a sound emission of 69 dB perceived at 7 m

The small size and moderate weight of the three-phase 16 KVA motorwelder MOSA TS400 YS, make it one of the most popular professional products of the MOSA line.

TECHNICAL FEATURES MOSA TS400 YS

Fuel: Diesel
Phase Type: SinglePhase/ThreePhase
Voltage: 115 V / 230 V / 400 V
Maximum SinglePhase 115 V power (kVA): 5
Maximum SinglePhase 230 V power (kVA): 10
Maximum ThreePhase 400 V power (kVA): 16
Welding Current (A): 400 A at 60% - 350 A at 100%
Welding Current: 20A ÷ 400A
Welding Current Type: DC
Welding Type: MMA STICK - TIG
Electrodes Supported: all maximum 8 mm diameter
Silenced: Supersilenced 69 dB(A) @ 7m
LENGTH (mm): 1720
WIDTH (mm): 850
HEIGHT (mm): 1110
Dry weight (Kg): 750

Electrical power

Are you looking for a motorwelding with different characteristics? [Here](#) you can find the full range of MOSA or other specialized brands

The images and technical data are not binding and may be subject to revision by the supplier.

Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KVA)	10
Maximum power three phase (KVA)	16
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1x400V 32A 3P+N+T CEE + 1x230V 32A 2P+T CEE + 1x230V 16A 2P+T CEE + 2 prese DINSE 200 A per 48V
Engine	Yanmar 4TNV88, 4 stroke
Emissions Regulations	Stationary Use
Engine rpm (rpm)	1500
Starting system	Electric
Number cylinders	4
Cooling	Water
Inyección	Indirect
Alternator	Asynchronous three-phase, self-excited, self-regulated, brushless
Regulation current (A)	20 - 400
Welding current (A)	400 at 60% - 350 at 100%
Open circuit voltage (V)	70
Maximum diameter electrodes (mm)	8
Type of welding current	DC
Type of welding	MMA / MIG
Fuel tank capacity (L)	60
Consumption (L/h)	3.1
Running time (h)	19
Acoustic power	94 dB(A)
Acoustic pressure	69 dB(A) at 7 m
Length (mm)	1720
Width (mm)	850

Height (mm)	1110
Dry weight (Kg)	750
Silenced	Yes
Super silenced	Yes
Engine manufacturer	Yamaha
