



MOSA TS 350 YSX-BC MMA TIG Supersilenced Arc Welder

Reference: COUQ0000PZ

MOSA TS350 YSX-BC MMA TIG MotorWelding

MOSA TS350 YSX-BC is a single/threephase motorwelding equipped with a Yanmar 3 TNV 76 diesel engine capable of delivering a maximum power of 12KVA.

MOSA TS350 YSX-BC is equipped with water-cooled and an asynchronous alternator, and can be used simultaneously as a welder and as a three-phase and single-phase generator set.

The welding current is continuous and can weld any type of electrode (basic, rutile, cellulosic) up to 6 mm in diameter. The BC (base current) characteristic is particularly suitable for downward welding of pipes.

The MOSA TS350 YSX-BC motorwelder are suitable for a wide range of uses, including work on metal structures and pipes.

The MOSA TS350 YSX-BC motorwelder is equipped with a sturdy frame, which not only protects the machine from impact, but also reduces noise emission making it super quiet, with a sound emission of 70 dB perceived at 7 m.

The small size and moderate weight of the threephase 12 KW MOSA TS350 YSX-BC motorwelder make it one of the most popular professional products of the MOSA line.

TECHNICAL CHARACTERISTICS MOSA TS350 YSX-BC

Fuel: Diesel

Phase type: Singlephase / Threephase

Voltage: 230 V / 400 V

Maximum singlephase 230 V power (kVA): 7

Maximum threephase 400 V power (kVA): 12

Welding current (A): 350 A at 35% - 320 A at 60% - 270 A at 100%

Welding current type: DC

Welding Type: MMA STICK - TIG

Electrodes Supported: all maximum diameter 6 mm

Silenced: Silenced 70 dB(A) @ 7m

LENGTH (mm): 1610

WIDTH (mm): 720

HEIGHT (mm): 1110

Dry Weight (Kg): 530

Electrical Start

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

Images and specifications are not binding and may be subject to revision by the supplier.

Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	5.6
Maximum power single phase (KVA)	7
Maximum power three phase (KW)	9.6
Maximum power three phase (KVA)	12
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1x400V 32A 3P+N+T CEE + 1x230V 32A 2P+T CEE + 2x230V 16A 2P+T SCHUKO
Engine	Yanmar 3TNV76, 4 stroke
Emissions Regulations	Stationary Use
Engine rpm (rpm)	3000
Starting system	Electric
Engine capacity (cm ³)	1116
Number cylinders	3
Cooling	Water
Inyección	Indirect
Alternator	Asynchronous three-phase, self-excited, self-regulated, brushless
Regulation current (A)	20 - 350
Welding current (A)	350 at 35% - 320 at 60% - 270 at 100%
Open circuit voltage (V)	65
Maximum diameter electrodes (mm)	6
Type of welding current	DC
Type of welding	MMA / MIG
Fuel tank capacity (L)	45
Consumption (L/h)	3.4
Running time (h)	13
Acoustic power	92 dB(A)
Acoustic pressure	67 dB(A) at 7 m
Length (mm)	1610
Width (mm)	720

Height (mm)	1110
Dry weight (Kg)	530
Silenced	Yes
Super silenced	Yes
Engine manufacturer	Yanmar
