



MOSA CS 230 YSX CC/CV Welder 110 V / 230 V Version

Reference: MOSA - STANDARD-Motosaldatrice 230 V/110 V

MOSA CS230YSX CC-CV MotorWelder 230V 110V

Mosa CS230YSX CC-CV MotorWelder 230V 110V with electronic regulation of the welding current in Chopper technology (high frequency 30 kHz), which allows a more stable arc welding and higher metallographic quality. Equipped with a Yanmar L 100 N motor and an asynchronous alternator, it can be used simultaneously as a welding machine and as a three-phase and single-phase generator.

The CS230YSX CC-CV Mosa 230V 110V MotorWelder compatible with any type of electrode (basic, rutile, cellulosic) up to 4 mm and fully exploits the power of the motor thanks to a technique developed by MOSA, called "Power Optimizer".

Welding can be selected in CC or CV mode. In CC mode, it is possible to choose between a characteristic with adjustable arc penetration (arc force), suitable for electrode, and a characteristic with strictly constant current, suitable for TIG welding. The CV mode (constant voltage) is suitable for WIRE WELDING (solid or cored).

Mosa CS230YSX CC-CV Motorwelder 230V 110V This is a supersilenced motorwelder with a compact fairing, specially designed to reduce noise emission. It is suitable for a wide range of applications

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Power Optimizer

Some Motorwelder incorporate the "Power Optimizer" function, designed and patented by MOSA.

This is a specific control technique aimed at avoiding the overload of the motor when it is working near maximum power.

With the "Power Optimizer" it is possible to ensure stable and optimal operation in all welding conditions, making full use of the motor power.

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Versions on request

- Auxiliary output 230I-110I-CTE : N.1 x 230 16A 2P+E CEE / N.1 x 110 32A 2P+E CEE / N.1 x 110V 16A 2P+E CEE

TECHNICAL FEATURES MOSA CS230YSX CC-CV

Fuel: Diesel

Type phase: Single-phase

Voltage: 230V

Maximum Singlephase output (kVA): 5

Maximum Singlephase output (kVA): 2.5

Welding current (A): 210 A at 60% - 180 A at 100%

Type of welding current: DC - CV

Type of welding: MMA / TIG / STICK / MIG (Optional)

Silenced: Supersilenced 66 dB(A) @ 7 m

LENGTH (mm): 1020

WIDTH (mm): 645

HEIGHT (mm): 930

Dry weight (Kg): 230

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The image of the CS230YSX CC-CV MOSA 230V 110V Motorwelder is purely indicative.

Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	4
Maximum power single phase (KVA)	5
Fuel	Diesel
Voltage (V)	110 / 230
Engine	Yanmar L100N, 4 stroke
Engine rpm (rpm)	3000
Engine capacity (cm ³)	435
Number cylinders	1
Cooling	Air
Inyección	Direct
Alternator	Asynchronous three-phase, self-excited, self-regulated, brushless
Regulation current (A)	20 - 210
Welding current (A)	210 at 60% - 180 at 100%
Open circuit voltage (V)	65
Maximum diameter electrodes (mm)	4
Type of welding current	CC / CV
Type of welding	MMA / MIG
Fuel tank capacity (L)	23
Consumption (L/h)	1
Running time (h)	23
Acoustic power	91 dB(A)
Acoustic pressure	66 dB(A) at 7 m
Length (mm)	1020
Width (mm)	645
Height (mm)	930
Dry weight (Kg)	230
Silenced	Yes
Super silenced	Yes

Engine manufacturer

Yanmar
