



MOSA CS 230 YSX CC / CV Multiprocess Welding Machine Stage 5 Engine

Reference:

MOSA CS 230 YSX CC/CV Multiprocess Engine-Powered Welder, Stage 5 Engine

The MOSA CS 230 YSX CC/CV Multiprocess Engine-Powered Welder, Stage 5 Engine is a compact and reliable machine designed for professional welding and power generation applications. Equipped with a Yanmar L100 V Stage 5 diesel engine, it guarantees high performance with low emissions and reduced consumption.

The MOSA CS 230 YSX CC/CV Multiprocess Engine-Powered Welder offers a maximum power of 6 kVA three-phase and 5 kVA single-phase, with a frequency of 50 Hz and a voltage of 230/400 V, ensuring maximum versatility of use. The self-excited and self-regulated brushless three-phase asynchronous alternator allows for stable and reliable energy production.

Equipped with an adjustable welding current from 20 to 210 A, the MOSA CS 230 YSX CC/CV allows for operation in the main welding processes in direct and constant current (CC/CV). The 68 V ignition voltage ensures a stable arc, ideal for high-quality welding results.

The 23-liter tank offers excellent autonomy of approximately 20 hours with a consumption of only 1.2 liters/hour at 75% load. The low noise level – 66.2 dB(A) at 7 meters – together with the silenced and super silenced structure, allows use even in contexts where low noise impact is required.

With a dry weight of 230 kg and compact dimensions (1040x650x911 mm), the MOSA CS 230 YSX CC/CV Multiprocess Welder Stage 5 Engine is the ideal choice for professionals who need an efficient, powerful machine that complies with the latest emissions regulations (Stage 5).

Technical Features:

Phase type: Single-phase / Three-phase

Maximum single-phase power (KVA): 5

Maximum three-phase power (KVA): 6

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230 / 400

Socket configuration: 1x400V 16A 3P+N+T CEE + 1x230V 16A 2P+T CEE + 1x230V 16A 2P+T SCHUKO

Engine: Yanmar L100 V (Stage 5)

Engine speed (rpm): 3000

Starting: Electric

Displacement (cm³): 435

Number of cylinders: 1

Cooling: Air

Injection: Direct

Alternator: Asynchronous three-phase, self-excited, self-regulated, brushless

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

Ignition voltage (V): 68
 Fuel tank capacity (L): 23
 Consumption (L/h): 1.2 at 75% load
 Autonomy (h): 20
 Acoustic power: 91.2 dB(A)
 Acoustic pressure: 66.2 dB(A) @ 7 m
 Length (mm): 1040
 Width (mm): 650
 Height (mm): 911
 Dry weight (Kg): 230
 Silenced: Yes
 Super silenced: Yes
 Current regulation (A): 20 - 210
 Welding current type: CC / CV
 Engine brand: Yanmar
 Emissions standard: Stage 5

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Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KVA)	5
Maximum power three phase (KVA)	6
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	
Engine	
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Elettrico
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)	68
Type of welding current	CC / CV
Fuel tank capacity (L)	23

Consumption (L/h)	1.2 al 75% del carico
Running time (h)	20
Acoustic power	91.2 dB(A)
Acoustic pressure	(66.2 dB(A) @ 7 m)
Length (mm)	1040
Width (mm)	650
Height (mm)	911
Dry weight (Kg)	230
Silenced	Yes
Super silenced	Yes
Engine manufacturer	Yanmar