



MOSA MAGIC WELD230 Motor Welding Machine 60Hz

Reference: C1RU4070

MOSA MAGIC WELD230

MOSA MAGIC WELD230 Power and versatility for your welding

MOSA MAGIC WELD230, the diesel powered welding machine that combines robustness, high performance and ease of use.

Powered by a Yanmar L100W6 diesel engine, this machine offers a net standby power of 6.8 kW (9.2 hp) and PRP net power of 6.2 kW (8.4 hp), ensuring maximum efficiency even in the most demanding conditions.

The single-phase 110 V generator provides a stable and reliable voltage, ideal for powering power tools and other devices during welding operations.

The MOSA MAGIC WELD230 boasts a wide welding current range, from 20 A to 230 A, with a service current of 190 A at 60% and 175 A at 100%. This makes it suitable for a wide range of applications from welding thin sheets to thicker, more complex workpieces.

Designed for welding with coated electrodes (SMAW), a versatile and widely used welding method, the MOSA MAGIC WELD230 offers excellent performance in terms of penetration and weld bead quality.

Despite its power, the MOSA MAGIC WELD230 maintains a low noise level, with a sound power LwA of 108 dB(A) at 1 metre and 83 dB(A) at 7 metres.

The compact and robust design with dimensions of 672 x 550 x 586 mm and a dry weight of 112 kg makes the MOSA MAGIC WELD230 easily transportable and usable in different operating conditions.

In addition, the IP23 degree of protection guarantees providing protection against the penetration of solid objects and splashing water, ensuring maximum reliability in outdoor environments.

The 5.4 litre tank offers an autonomy of 3.6 hours at 60% welding load, allowing uninterrupted work for long periods.

MOSA MAGIC WELD230: the ideal choice for professionals and welding enthusiasts.

With its power, versatility and reliability, the MOSA MAGIC WELD230 is the perfect solution for anyone who needs a robust, high-performance power welder.

If you are looking for a power welder that can meet your most demanding welding needs, the MOSA MAGIC WELD230 is the right choice for you.

Control Panel

- Engine start and stop key
- Low oil pressure stop warning light
- Battery charge warning light
- Hour meter
- Welding current adjustment knob
- Welding sockets
- Auxiliary generation overload led

Output sockets: 1x110V 15A 2P+E NEMA 5 - 15R

Technical specifications MOSA MAGIC WELD230 motor welding machine:

Fuel: Diesel
Phase type: Single phase
Voltage: 110V
Frequency: 60hz
Welding current: 20 A / 20.8 V - 230 A / 22 V | 20 A / 20.8 V to 190 A / 27.6 V (IEC Rating)
Service: 190 A / 27.6 V @ 60% (IEC Rating) | 175 A / 27 V @ 100% (IEC Rating)
Trigger voltage (open circuit voltage) 70 VDC (VDC peak)
Arc penetration No
Welding processes: SMAW coated electrode (STICK)
Acoustic power LwA (LpA pressure): 108 dB(A) (83 dB(A) @ 7 m)
LENGTH (mm): 672
WIDTH (mm): 550
HEIGHT (mm): 586
DRIFT WEIGHT (Kg): 112
Degree of protection: IP 23
Tank capacity: 5.4 l
Autonomy (welding 60%) 3.6 h
Engine model: YANMAR L100W6 - 4-TEMPES, OHV, NATURAL EXHAUST
Stand-by net power 6.8 kW (9.2 hp)

Are you looking for a motorwelding with other technical features? [HERE](#) you can find the whole range of MOSA motorwelding machines or other specialized brands

Images and technical data are not binding.

Technical Sheet

Phase	Single phase
Maximum power single phase (KVA)	2.1
Fuel	Diesel
Frequency (Hz)	60
Voltage (V)	110
Engine	YANMAR L100W6
Engine rpm (rpm)	3600
Starting system	Electric
Engine capacity (cm ³)	435
Number cylinders	1
Cooling	Air
Alternator	Permanent magnets, self-excited, brushless
Motor insulation class	H
Welding current (A)	20 A / 20.8 V - 230 A / 22 V 20 A / 20.8 V ÷ 190 A / 27.6 V (IEC Rating)
Open circuit voltage (V)	70

Fuel tank capacity (L)	5.4
Consumption (L/h)	2
Running time (h)	3.6
Acoustic power	108 dB(A) (83 dB(A) @ 7 m)
Length (mm)	672
Width (mm)	550
Height (mm)	586
Dry weight (Kg)	112
Engine manufacturer	Yanmar