



MOSA MAGIC WELD 200 YDE MMA Arc 3.3 kVA Welder Stage 5 Engine

Product description:

The engine-driven welder Magic Weld 200 YDE is a lightweight professional machine with electronic control of the welding current capable of delivering up to 200 A with a duty cycle of 60%.

Thanks to the **stage 5 engine**, this welder already complies with the pollution regulations in force for diesel engines since 2020.

The Magic Weld 200 YDE combines 3 qualities: compact and light weight (only 91 Kg); chopper system; an inverter capable of generating 3.3 kVA of auxiliary power. Equipped with a YANMAR L70N diesel engine and a permanent magnet alternator, it can function simultaneously as a welder and generator and also features electric start.

The presence of an auto idle economizer introduces the concept of "power on demand", allowing both fuel savings and reduced engine wear. The Magic Weld 200 YDE is able to weld any kind of electrode (rutile, basic, cellulose) up to 4 mm and takes full advantage of the engine's power output thanks to a technology developed by MOSA known as "Power Optimizer".

Its weight and performance make it a machine suitable for maintenance and mobile welding.

In according with CE regulation

WELDING

Current range, continuous: 20 ÷ 200A

Duty cycle: 170 A - 60%

Open circuit voltage: 70V

Arc welding source in D.C. welding

Welds any type of electrode, including cellulosic

High frequency control of welding current and voltage

Single-Phase, 50Hz aux current, inverter generated



GENERAL

Power optimiser (patent pending)
Low oil pressure automatic engine shut down
Auto Idle
Single-Phase, 50Hz aux current, inverter generated
Protective frame
Dry weight: 91 kg
Dimensions: 630x490x540 mm
Acoustic power LwA (pressure LpA): 103 dB(A) (78 dB(A) @ 7 m)

VERSIONS ON REQUEST

Auxiliary output 230V a.c.: 1x230V 16A 2P+T CEE
Auxiliary output 230V a.c.: 1x230V 16A 2P+T schuko
Auxiliary output 110V 50Hz
Auxiliary output 110V 60Hz

Non-binding images and technical data.

Product features:

Phase: Single phase
Maximum power single phase (KW): 2.64
Continuous power single phase (KW): 2.4
Maximum power single phase (KVA): 3.3
Continuous power single phase (KVA): 3
Fuel: Diesel
Frequency (Hz): 50
Voltage (V): 230
Engine: YAnmar L70V Stage 5
Engine rpm (rpm): 3600
Starting system: Electric
Engine capacity (cm³): 320
Number cylinders: 1
Cooling: Air
Inyección : Direct
Alternator: Permanent magnets, self-excited, brushless
Regulation current (A): 20 - 200
Welding current (A): 170 at 60%
Open circuit voltage (V): 70
Maximum diameter electrodes (mm): 4
Type of welding current: DC
Type of welding: MMA
Fuel tank capacity (L): 3.3

Consumption (L/h): 1
Running time (h): 3.3
Acoustic power: 103 dB(A)
Acoustic pressure: 78 dB(A) at 7 m
Length (mm): 630
Width (mm): 490
Height (mm): 540
Dry weight (Kg): 91
Silenced: No
Super silenced: No
Voltage regulator: Inverter
Engine manufacturer: Yanmar
Video: wcNiEL1FvMM