

MOSA



NEW MAGIC WELD

Petrol Engine driven welder - Honda GX200 Engine - Permanent magnet alternator - Single-phase generation 2kW - Max welding current: 150A

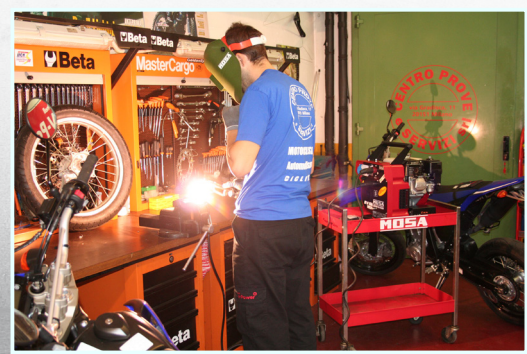
The New Magic Weld is a compact welding generator, lightweight and professional, with electronic control of the welding current capable of delivering up to 150 A with a duty cycle of 60%.

The weight of the whole machine is only 34 kg. Driven by a Honda 4-stroke petrol engine, it uses an innovative permanent magnet alternator to supply a welding current of up to 150 A DC, and it can function simultaneously as a welder and generator.

The presence of an auto idle economizer introduces the concept of “power on demand”, allowing both fuel savings and reduced engine wear.

The New Magic Weld is able to weld any kind of electrode (rutile, basic, cellulose) up to 3.25 mm and takes full advantage of the engine’s power output thanks to a technology developed by MOSA known as “**Power Optimizer**”.

Additionally, you can also use it as auxiliary power generator 230v or 110v up to 2 kW DC to power small tools or lighting.



SMALL IN SIZE BIG ON PERFORMANCE



MAGIC WELD IS FRIENDLY USING MACHINE : Thanks to a top handle, the transport (without trolley) is light and simple.



POWER: A small and compact engine driven welder:
- high power
- With a big auxiliary output to be used as a generator.



ENGINE

Model	Fuel	Starter	Output	Cylinders Displacement	Speed	Cooled
HONDA GX 200	Petrol	Recoil	4 kW [5.5 HP]	1 / 196 cm ³	4000 rpm	Air

MAGIC WELD 200

Petrol Engine driven welder - Honda GX270 Engine - Permanent magnet alternator - Single-phase generation 3kVA - Max welding current: 200A

The Magic Weld 200 is a compact welding generator, lightweight and professional, with electronic control of the welding current capable of delivering up to 200 A with a duty cycle of 60%.

The weight of the whole machine is only 57 kg. Driven by a Honda petrol engine it uses an innovative permanent magnet to supply a welding current of up to 200 A DC, and it can function simultaneously as a welder and generator.

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 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**”.

AC auxiliary power of 2.8 kW/50 Hz 230v or 110v is also available, suitable for powering small tools or lighting. Another professional feature of the Magic Weld 200 is its set-up for connection to a remote control (optional), which allows the operator to control the machine from a distance of up to 20 m.



EASY TRANSPORT: simple and fast , with 2 handles and 2 wheels “trolley”.

- ✓ **Current range, continuous:** 20 ÷ 200A
- ✓ **Duty cycle:** 200 A - 60%
- ✓ **Open circuit voltage:** 70 V
- ✓ 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



ENGINE

Model	Fuel	Starter	Output	Cylinders Displacement	Speed	Cooled
HONDA GX 270	Petrol	Recoil	6.3 kW (8.5 HP)	1/ 270 cm³	3600 rpm	Air

MAGIC WELD 200 YD

Diesel Engine driven welder - YANMAR L70N Engine - Permanent magnet alternator
- Single-phase generation 3.3kVA - Max welding current: 200A

The engine-driven welder **Magic Weld 200 YD** 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%.

The Magic Weld 200 YD combines 3 qualities: compact and light weight (only 72 Kg); chopper technology; 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.

The Magic Weld 200 YD 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**”.

- ✓ **Current range, continuous:** 20 ÷ 200A

✓ **Duty cycle:** 170 A - 60%

✓ **Open circuit voltage:** 70 V
- ✓ Arc welding source in D.C. welding

✓ Welds any type of electrode, including cellulosic

✓ High frequency control of welding current and voltage



ENGINE

Model	Fuel	Starter	Output	Cylinders Displacement	Speed	Cooled
YANMAR L70N	Diesel	Recoil	4.9 kW [6.7 HP]	1/ 320 cm³	3600 rpm	Air

MAGIC WELD 200 YDE

Diesel Engine driven welder - YANMAR L70N Engine - Permanent magnet alternator
- Single-phase generation 3.3kVA - Max welding current: 200A

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%.

The Magic Weld 200 YDE combines 3 qualities: compact and light weight (only 91 Kg); chop- per technology; 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 simultaneou- sly 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 engi- ne’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

- ✓ **Current range, continuous:** 20 ÷ 200A

✓ **Duty cycle:** 170 A - 60%

✓ **Open circuit voltage:** 70 V

✓ 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



ENGINE

Model	Fuel	Starter	Output	Cylinders Displacement	Speed	Cooled
YANMAR L70N	Diesel	Elettrico	4.9 kW [6.7 HP]	1/ 320 cm³	3600 giri/ min	Aria

THE SERVICES



SPARE PARTS

A complete range of original spare parts, guaranteed directly by the manufacturer.



ASSISTANCE

A team of specialists, well prepared and available to assure an efficient and resolving service.



WARRANTY

A precise certainty for the customer's satisfaction:
2-year warranty included in the price.



LUBRICANTS

We recommends to use the original PowerLube lubricants.

MOSA