



GENSET MPM 500 Y - ENGINE DRIVEN WELDER 10 KVA

Product price:

12.077,00 € tax excluded

Product description:

MOTORWELDING MACHINE WITH ELECTRODE DC GENSET MPM 500 Y SINGLEPHASE 10 KVA

The motorwelder GENSET MPM 500 Y with 10 KVA singlephase diesel engine and electric start, suitable for electrode welding and gouging.

The GENSET MPM 500 Y motorwelder also has a low fuel consumption: only 3.5 Lt/h at 75% of the load.

The GENSET MPM 500 Y motorwelder, thanks to the high quality and efficiency of its components, is suitable for DC electrodes with a maximum diameter of 8 mm.

Main advantages of the GENSET MPM 500 Y motorwelding

CONTINUOUS CURRENT MOTORWELDING OF 500A WITH SINGLE-PHASE ALTERNATED CURRENT GENERATOR DESEL ENGINE 1500/1800 RPM
70 L TANK

Technical characteristics of the GENSET MPM 500 Y motorwelding

Welding method: Electrode/Gouging

Automatic engine stop device with warning lights for:

- battery charge failure

- low fuel level

- low oil pressure

- high water temperature

1 CEE 32 A socket, 230V

1 CEE 32 A socket, 110V

1 CEE 16 A socket, 110V





Protection for power outlets
Battery 12V
Fuel level indicator
Single-phase voltmeter
Counter
50/60 Hz switch
Emergency stop button
Remote control socket
Forced Arc Adjustment potentiometer
Arc Gouging socket
Central lifting hook
Fork pass
Lwa noise level 95 (70 dB at 7 mt)
Dc welding 60 Hz
Intermittance at 60%: 450A - 38V
Intermittance at 100%: 400A - 36V
Electronic regulation (DC mode): 30A - 500A
Trigger voltage: 70V
Maximum electrode diameter: 8 mm
Ac generator 60 Hz
Type: asynchronous, self-excited and self-protected
Single-phase power (maximum): 10kVA - 240V / 5 kVA - 120 V
Power factor: $\cos \varphi \geq 0.8$
Ac generator 50 Hz
Type: asynchronous, self-excited and self-protected
Single-phase power (maximum): 10kVA - 230V / 5 kVA - 115 V
Power factor: $\cos \varphi \geq 0.8$
Diesel engine at 1500 or 1800 rpm Yanmar 4TNV88 - 4 cyl. - 2190 cm³
Maximum power: 24.1 HP (18 kWm) 1500 rpm - 29.4 HP (21.6 kWm) 1800 rpm
Boosting: electric (12Vdc)
Cooling system: water
Fuel consumption at 75% load: 3.5lt/h 1500 rpm - 4.7lt/h 1800 rpm
Isolation class: H
Ambient temperature: 40 °C (*)
Reference altitude: 1000 m (*)
Protection class: IP 23
Fuel tank capacity: 70 lt
Dimensions (L x W x H): 1855 x 737 x 1119 mm
Dry weight: 895 kg

Options to specify when ordering

On-board polarity inverter
Spark arrester muffler
Differential switch (ELCB) for single-phase 240/230 V output





Differential switch (ELCB) for single-phase 120/115 V output

MIG welding

TIG welding

Automatic stop for low coolant level

GRT2W: trolley with 2 pneumatic wheels and drawbar for slow towing

GRT4W: trolley with 4 pneumatic wheels and drawbar for slow towing

Remote control unit 20 mt cable

Welding cables Ø 50 mm² (20+15 mt) with accessories

Polarity reverser module

Discover our wide range of motorwelding [click here!](#)

Images and technical data not binding.

Product features:

Phase: Single phase

Maximum power single phase (KW): 8

Maximum power single phase (KVA): 10

Fuel: Diesel

Frequency (Hz): 50 / 60

Voltage (V): 115 / 230

Sockets configuration: 1 x 230V 32A CEE - 1 x 110V 32A CEE - 1 x 110V 16A CEE

Engine: Yanmar 4TNV88, 4 stroke

Engine rpm (rpm): 1500 / 1800

Starting system: Electric

Engine capacity (cm³): 2190

Number cylinders: 4

Cooling: Water

Alternator: Asynchronous

Protection degree: IP23

Motor insulation class: H

Regulation current (A): 30 - 500

Open circuit voltage (V): 70

Maximum diameter electrodes (mm): 8

Intermittence: 450 A al 60% / 400 A al 100%

Fuel tank capacity (L): 70

Consumption (L/h): 3.5

Running time (h): 20

Acoustic power: 95 dB(A)

Acoustic pressure: 70 dB(A) at 7 m

Length (mm): 1855

Width (mm): 737





Height (mm): 1119
Dry weight (Kg): 895
Silenced: Yes
Super silenced: Yes
Product type: Engine driven welder
Voltage regulator: No
Engine manufacturer: Yanmar

