



# GENSET MPM 5/180 I-D/AE-Y - ENGINE DRIVEN WELDER 5 KVA

**Product price:**

**3.700,00 € tax excluded**

## **Product description:**

MOTORWELDING MACHINE WITH ELECTRODE DC GENSET MPM 5-180 I-D-AE-Y THREEPHASE/MONOPHASE 5KVA

GENSET MPM 5-180 I-D-AE-Y DC electrode motorwelder with a 5KVA threephase singlephase diesel engine and electric start.

Thanks to its compact size and very low weight, the GENSET MPM 5-180 I-D-AE-Y motorwelder is lightweight and easy to transport.

The GENSET MPM 5-180 I-D-AE-Y also has a low fuel consumption: only 1.5 Lt/h at 75% load. The GENSET engine driven welder, thanks to the high quality and efficiency of its components, is suitable for welding DC electrodes with a maximum diameter of 4 mm.

Main advantages of the GENSET MPM 5-180 I-D-AE-Y motorwelding machine

MOTORWELDING MACHINE WITH CONTINUOUS CURRENT 170A  
WITH ALTERNATE CURRENT THREEPHASE AND SINGLEPHASE GENERATOR  
AUXILIARY POWER AVAILABLE  
DIESEL ENGINE 3000 RPM

Technical characteristics of the GENSET MPM 5-180 I-D-AE-Y motorwelder

Welding method: Electrode

Signaling lights for:

- battery charge failure
- low oil pressure

Battery 12V

Differential magnetothermal switch

Power output protections



1 threephase CEE 400V - 16A outlet  
1 singlephase CEE 230V - 16A outlet  
48V voltmeter  
Lwa 99 (74 dB at 7 mt)  
DC welding  
Current adjustment: electromechanical  
Intermittance at 35%: 170A - 27V  
Intermittance at 40%: 180A - 20V  
Intermittance at 60%: 140A - 26V  
Electronic adjustment (DC mode): 40A - 170A  
Trigger voltage: 90V  
Maximum electrode diameter: 4 mm  
Ac 50 Hz asynchronous, self-excited and self-protected alternator  
Threephase (emergency) power: 5kVA - 400V  
Threephase power (continuous): 4.5kVA - 400V  
Singlephase power (maximum): 4kVA - 230V  
Singlephase power (maximum): 1.5kVA - 48V  
Factor cos ? 0.8  
Diesel engine 3000 rpm  
Type: Yanmar L100V - STAGE V - 1 cyl. - 435 cm<sup>3</sup>  
8.4 HP (6.3 kWm)  
Boosting: electric (12Vdc)  
Cooling: air  
Fuel tank capacity: 30 lt  
Fuel consumption at 75% load: 1.5 lt/h  
Isolation class: H  
Environmental temperature: 40 °C (\*)  
Reference altitude: 1000 m (\*)  
Protection class: IP 23  
Dimensions (L x W x H): 950 x 480 x 574 mm  
Dry weight: 148 kg  
Discover our wide range of motorwelding machines [click here!](#)

Images and technical data are not binding.

#### Product features:

Phase: Single phase / Three phase  
Maximum power single phase (KW): 3.2  
Maximum power single phase (KVA): 4  
Maximum power three phase (KW): 4  
Continuous power three phase (KW): 3.6  
Maximum power three phase (KVA): 5

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Continuous power three phase (KVA): 4.5  
Fuel: Diesel  
Voltage (V): 230 / 400  
Sockets configuration: 1 x 400V 16A CEE - 1 x 230V 16A CEE  
Engine: Yanmar L100V, 4 stroke  
Emissions Regulations: Stage 5  
Engine rpm (rpm): 3000  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 435  
Number cylinders: 1  
Cooling: Air  
Alternator: Asynchronous  
Protection degree: IP23  
Motor insulation class: H  
Regulation current (A): 40 - 170  
Open circuit voltage (V): 90  
Maximum diameter electrodes (mm): 4  
Intermittence: 170 A al 35% / 180 A al 40% / 140 A al 60%  
Consumption (L/h): 1.5  
Acoustic power: 99 dB(A)  
Acoustic pressure: 74 dB(A) at 7 m  
Length (mm): 950  
Width (mm): 480  
Height (mm): 574  
Dry weight (Kg): 148  
Silenced: No  
Super silenced: No  
Product type: Engine driven welder  
Voltage regulator: No  
Engine manufacturer: Yanmar