



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
48Voltmeter
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 cm³
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





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 (cm³): 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

