



GENSET MPM 400Y ENGINE DRIVEN WELDER 16KVA 400A SINGLE/THREE PHASE AVR STAGE 5

Reference: MPM 400 Y

GENSET MPM 400Y ENGINE DRIVEN WELDER 16KVA 400A SINGLE/THREE PHASE AVR

GENSET MPM 400Y is a professional engine driven welder with electronic adjustment of welding parameters and Carbon Arc Gouging socket as standard.

The GENSET MPM 400Y engine driven welder is an excellent solution for those looking for a versatile and reliable welding and power generation device. Manufactured by GenSet, this powerful and robust device offers high-level performance to meet both professional and domestic needs.

GENSET MPM 400Y is equipped with a high-efficiency Yanmar 4TNV88 motor and can produce a maximum power of 16KVA, in addition thanks to the Electronic current regulation, it ensures a constant flow of energy to power welding equipment. This makes it ideal for large welding jobs or in places where grid electricity is not available.

The GENSET MPM 400Y power welder is designed for ease of use and versatility. Equipped with an intuitive control panel, it makes it easy to adjust welding parameters and monitor current flow. It also offers a wide range of welding current options, allowing it to adapt to different welding needs.

This diesel engine welder is also characterized by its robustness and durability. Built with high-quality materials, it can withstand harsh working conditions and last for a long time. It is also equipped with safety protections, such as automatic shutdown devices in case of overheating or overload, ensuring safe and secure work.

The GENSET MPM 400Y also offers a large fuel tank capacity, allowing long welding sessions without the need for continuous refueling. This makes the device suitable for long-duration work or situations where access to fuel may be limited.

WELDING CARBON ARC GOUGING

Carbon Arc Gouging welding, also known as carbon arc gouging, is a process of removing metal using an electric arc generated between a carbon electrode and the workpiece. This method is used to remove excess metal, rust, paint or other unwanted substances from the work surface.

Carbon Arc Gouging welding offers several advantages. It allows rapid removal of excess metal without damaging the underlying surface. It is particularly effective in removing hard materials such as stainless steel, cast iron or aluminum. In addition, the intensity of the arc can be adjusted to suit different metal removal needs.

TECHNICAL FEATURES GENSET MPM 400Y

Phase Type: Single Phase / Three Phase
Maximum single-phase power: 5.5 KVA / 4.4 KW
Maximum three-phase power: 16 KVA / 12.8 KW

Voltage: 230 / 400 V
 Frequency: 50 Hz
 Engine: Yanmar 4TNV88
 Power Supply: Diesel
 Emission standard: Stage 5
 Number of cylinders: 4
 Displacement: 2190 cm³
 Cooling: Water
 Starter: Electric
 Tank capacity: 70 l
 Consumption at 75% load: 3,5 l/h
 Autonomy at 75% load: 20 h
 DC welding: Electronic regulation
 Intermittency at 60%: 400 A - 36 V
 Adjustment range: 30 A - 400 A
 Trigger voltage: 70 V
 Max. diameter. Electrode: 8 mm
 Acoustic power: 72 dB(A) @ 7 m
 Length: 1620 mm
 Depth: 750 mm
 Height: 1290 mm
 Net Weight: 715 kg

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Images and technical data are not binding and may be subject to revision by the manufacturer.

Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	4.4
Maximum power single phase (KVA)	5.5
Fuel	Diesel
Voltage (V)	230 / 400
Sockets configuration	1 x 400V 32A 3P+N+T CEE - 1 x 230V 32A 2P+T CEE - 2 x 230V/16A 2P+T CEE
Engine	Perkins 404A-22G
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Starting system	Elettrico
Engine capacity (cm ³)	2216
Number cylinders	4
Cooling	Water
Alternator	Asincrono
Welding current (A)	350 A at 100% - 400 A at 60%
Open circuit voltage (V)	70

Fuel tank capacity (L)	70
Consumption (L/h)	4 al 75% del carico
Running time (h)	17.5 al 75% del carico
Acoustic power	97 dB(A)
Acoustic pressure	72 dB(A) at 7 m
Length (mm)	720
Width (mm)	750
Height (mm)	510
Dry weight (Kg)	790
Silenced	Yes
Super silenced	Yes
Voltage regulator	AVR
Engine manufacturer	Perkins