

GenSet



MPM 500 D



GEN SET S.p.a.

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**ENGINE DRIVEN WELDER/GENERATOR - DELIVERS 500A OF DC WELD OUTPUT
THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE
DIESEL ENGINE 1500 RPM**

Standard Features	Processes: SMAW (stick) / Tig / CAG + Arc Force Control switch + Carbon Arc Gouging (CAG) socket + Remote control socket + Auto engine protection shutdown system with warning lights for: - battery charger failure - low fuel level - low oil pressure - high oil temperature + 12V built-in battery + Fuel level gauge	+ Hourmeter + Voltmeter + Earth Leakage Circuit Breaker + Power output protection + 1 x 32 A 400 V three-phase EEC socket + 1 x 32 A 230 V single-phase EEC socket + 1 x 16 A 230 V single-phase EEC socket + Engine oil drain pipe + Central lifting eye + Fork-lift pockets
Options available as factory options	+ Version with different voltages + 60Hz version + Built-in polarity reversing switch + Spark arrester muffler + Emergency stop button + Tig Lift Arc welding + MIG welding + Weld voltmeter and ammeter	
Accessories on request	+ GRT2W: two-wheels site tow undercarriage + GRT4W: four-wheels site tow undercarriage + Remote control unit with 20m cable and plug + Reverse polarity switch kit + MIG wire feeder + Welding cables Ø 50 mm ² (20+15 m) with accessories	
Noise level	+ Lwa 97 (72 dB at 7 m)	
DC welding	+ Duty Cycle @ 40%: 520A - 29V + Duty Cycle @ 60%: 500A - 40V + Duty Cycle @ 100%: 400A - 36V + Stepless control (CC mode): 30A - 500A + Open Circuit Voltage: 70V + Max welding rod: 10 mm	
AC generator - 50Hz	+ Type: Gen Set asynchronous, self-excited and self-protected + Three-phase power (max.): 20kVA - 400V + Single-phase power (max.): 10kVA - 230V + Power factor: cos φ 0,8	
Diesel Engine 1500 rpm	+ Type: Deutz F4M2011 - 4 cyl. - 3110 cm ³ + Max power: 42 hp (30,9 kWm) + Starting system: electric (12Vdc) + Cooling system: oil + Fuel consumption @ 75%: 6 l/h	
Other features	+ Insulation Class: H + Ambient temperature: 40 °C (*) + Altitude: 1000 m (*) + Mechanical Protection: IP 23 + Fuel tank capacity: 70 l + Dimensions (L x W x H): 2005 x 907 x 1123 mm + Dry weight: 971 kg	

(*) - For altitude and temperature values higher than those listed above, please consult the manufacturer to verify the available power.

In line with our continued development, innovation and voice of customer program, we reserve the right to change data without notice.