

GenSet



MPM 20/500 DZ



GEN SET S.p.a.

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

Standard Features	Processes: SMAW (stick) / Tig / CAG + Arc Force Control with basic/cellulosic changeover 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 engine head temperature - engine fan belt failure	+ 12V built-in battery + Fuel level gauge + Hourmeter + Voltmeter + Power output protection + 1 x 32 A 230 V single-phase EEC socket + 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 + 48V output + Earth Leakage Circuit Breaker + 1 x 32 A 400 V three-phase EEC socket, 20kVA with Earth Leakage Circuit Breaker	
Accessories on request	+ GRT2W: two-wheels site tow undercarriage + GRT4W: four-wheels site tow undercarriage + GRT4WLB: four-wheels trailer with leaf springs and towing bar + 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 103 (78 dB at 7 m)	
DC welding	+ Current regulation: electronic + 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 + Single-phase power (max.): 10kVA - 230V + Power factor: cos φ 0,8	
Diesel Engine 1500 rpm	+ Type: Deutz F3L912 - 3 cyl. - 2827 cm ³ + Max power: 38 hp (28 kWm) + Starting system: electric (12Vdc) + Cooling system: air + Fuel consumption @ 75%: 5,4 l/h	
Other features	+ Insulation Class: H + Ambient temperature: 40 °C (*) + Altitude: 1000 m (*) + Mechanical Protection: IP 23 + Fuel tank capacity: 74 l + Dimensions (L x W x H): 1590 x 800 x 1150 mm + Dry weight: 920 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.