

# GenSet



## MPM 20/600 P



**GEN SET S.p.a.**

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**ENGINE DRIVEN WELDER/GENERATOR - DELIVERS 600A OF DC WELD OUTPUT  
SINGLE-PHASE AUXILIARY POWER AVAILABLE  
DIESEL ENGINE 1500 RPM**

|  |   |   |
|--|---|---|
| <b>Standard Features</b>                       | <b>Processes: SMAW (stick) / Tig / CAG</b><br>+ Arc Force Control with basic/cellulosic changeover switch<br>+ Carbon Arc Gouging (CAG) socket<br>+ Remote control socket<br>+ Auto engine protection shutdown system with warning lights for:<br>- battery charger failure<br>- low fuel level<br>- low oil pressure<br>- high water temperature<br>- engine overspeed<br>+ 12V built-in battery | + Fuel level gauge<br>+ Hourmeter<br>+ Voltmeter<br>+ Earth Leakage Circuit Breaker<br>+ Power output protection<br>+ 1 x 32 A 230 V single-phase EEC socket<br>+ 1 x 16 A 230 V single-phase EEC socket<br>+ Engine oil drain pipe<br>+ Central lifting eye<br>+ Fork-lift pockets |
| <b>Options</b><br>available as factory options | + Version with different voltages<br>+ 60Hz version<br>+ Built-in polarity reversing switch<br>+ Spark arrester muffler<br>+ Emergency stop button<br>+ Tig Lift Arc welding<br>+ MIG welding<br>+ Weld voltmeter and ammeter<br>+ 48V output<br>+ 1 x 32 A 400 V three-phase EEC socket, 20kVA<br>+ Bundled base to retain all liquids   |   |
| <b>Accessories on request</b>                  | + GRT2W: two-wheels site tow undercarriage<br>+ GRT4W: four-wheels site tow undercarriage<br>+ GRT4WLB: four-wheels trailer with leaf springs and towing bar<br>+ Remote control unit with 20m cable and plug<br>+ Reverse polarity switch kit<br>+ MIG wire feeder<br>+ Welding cables Ø 50 mm <sup>2</sup> (20+15 m) with accessories   |   |
| <b>Noise level</b>                             | + Lwa 99 (74 dB at 7 m)   |   |
| <b>DC welding</b>                              | + Current regulation: <b>electronic</b><br>+ Duty Cycle @ 40%: 650A - 30V<br>+ Duty Cycle @ 60%: 600A - 40V<br>+ Duty Cycle @ 100%: 500A - 40V<br>+ Stepless control (CC mode): 30A - 600A<br>+ Open Circuit Voltage: 70V<br>+ Max welding rod: 10 mm   |   |
| <b>AC generator - 50Hz</b>                     | + Type: Gen Set asynchronous, self-excited and self-protected<br>+ Single-phase power (max.): 12kVA - 230V<br>+ Power factor: cos φ 0,8   |   |
| <b>Diesel Engine<br/>1500 rpm</b>              | + Type: Perkins 1103-33TG - turbocharged - 3 cyl. - 3300 cm <sup>3</sup><br>+ Max power: 61,2 hp (45,6 kWm)<br>+ Starting system: electric (12Vdc)<br>+ Cooling system: water<br>+ Fuel consumption @ 75%: 8,23 l/h   |   |
| <b>Other features</b>                          | + Insulation Class: H<br>+ Ambient temperature: 40 °C (*)<br>+ Altitude: 1000 m (*)<br>+ Mechanical Protection: IP 23<br>+ Fuel tank capacity: 74 l<br>+ Dimensions (L x W x H): 2000 x 900 x 1200 mm<br>+ Dry weight: 1190 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 costumer program, we reserve the right to change data without notice.