

# GenSet



## MPM 500 P

**NEW**



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

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**MPM 500 P**

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS 500 A OF DC WELD OUTPUT /  
SINGLE-PHASE AUXILIARY POWER AVAILABLE / DIESEL ENGINE 1500 / 1800 RPM

<b>Gen Set Features</b>	<b>Welding Processes: SMAW (stick) / CAG</b>													
	+ DAS, auto engine protection shutdown system with warning lights in case of: - battery charger failure - low fuel level - low oil pressure - high coolant temperature + 1 x 32 A 230 V single-phase EEC socket protected by circuit breaker + 1 x 32 A 110 V single-phase EEC socket protected by circuit breaker + 1 x 16 A 110 V single-phase EEC socket protected by circuit breaker	+ 12V built-in battery with electric start + Fuel level gauge + Single-phase voltmeter + Engine hourmeter + 50/60 Hz selector + Emergency STOP button + Remote control socket + Arc Force Control switch + Carbon Arc Gouging (CAG) socket + Central lifting eye + Fork-lift pockets												
<b>Gen Set Options</b> (factory options)	<ul style="list-style-type: none"> <li>+ Built-in polarity reversing switch</li> <li>+ Spark arrester muffler</li> <li>+ 400 V (50 Hz) / 460 V (60 Hz) three-phase outlet protected by ELCB plus main circuit breaker</li> <li>+ Earth Leakage Circuit Breaker (ELCB) for 240/230 V single-phase outlet</li> <li>+ Earth Leakage Circuit Breaker (ELCB) for 120/110 V single-phase outlet</li> <li>+ Weld Voltmeter and Ammeter</li> <li>+ MIG welding</li> <li>+ TIG welding</li> <li>+ Low cooling level stop device</li> </ul>													
<b>Accessories on Request</b>	+ Two-wheels site tow undercarriage (GRT2W) + Four-wheels site tow undercarriage (GRT4W) + Remote control unit with 20 m cable and plug	+ Welding cables Ø 50 mm <sup>2</sup> (20+15 m) with accessories + Reverse polarity switch kit												
<b>Noise Level</b>	+ Lwa 95 (70 dB a 7 m)													
<b>DC Welding</b> <b>60 Hz</b>	+ Duty Cycle @ 40%: 500 A - 30 V + Duty Cycle @ 60%: 450 A - 38 V + Duty Cycle @ 100%: 400 A - 36 V	+ Stepless control (CC mode): 30 A - 500 A + Open Circuit Voltage: 70 V + Max welding rod: 8 mm												
<b>AC Generator</b> <b>60 Hz</b>	<ul style="list-style-type: none"> <li>+ Type: Gen Set asynchronous self-excited and self-protected</li> <li>+ Single-phase power: 10 kVA - 240 V / 5 kVA - 120 V</li> <li>+ Three-phase power: 17 kVA - 460 V (factory option)</li> <li>+ Power Factor: cos φ 0,8</li> </ul>													
<b>AC Generator</b> <b>50 Hz</b>	<ul style="list-style-type: none"> <li>+ Type: Gen Set asynchronous self-excited and self-protected</li> <li>+ Single-phase power: 10 kVA - 230 V / 5 kVA - 110 V</li> <li>+ Three-phase power: 16 kVA - 400 V (factory option)</li> <li>+ Power Factor: cos φ 0,8</li> </ul>													
<b>Diesel Engine</b> <b>Perkins 404D-22G</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">1500 rpm</th> <th style="width: 50%; text-align: center;">1800 rpm</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Stand by Power: 28 HP (20,3 kWm)</td> <td style="text-align: center;">Stand by Power: 32,4 HP (23.9 kWm)</td> </tr> <tr> <td style="text-align: center;">Fuel consumption @ 75%: 4 l/h</td> <td style="text-align: center;">Fuel consumption @ 75%: 4,8 l/h</td> </tr> <tr> <td colspan="2" style="text-align: center;">Cylinder: 4 - Displacement: 2216 cm<sup>3</sup></td> </tr> <tr> <td colspan="2" style="text-align: center;">Cooling system: water</td> </tr> <tr> <td colspan="2" style="text-align: center;">Starting system: electric</td> </tr> </tbody> </table>		1500 rpm	1800 rpm	Stand by Power: 28 HP (20,3 kWm)	Stand by Power: 32,4 HP (23.9 kWm)	Fuel consumption @ 75%: 4 l/h	Fuel consumption @ 75%: 4,8 l/h	Cylinder: 4 - Displacement: 2216 cm <sup>3</sup>		Cooling system: water		Starting system: electric	
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<b>Other Features</b>	+ Insulation Class: H + Ambient temperature: 40 °C (*) + Altitude: 1000 mt (*) + Mechanical Protection: IP 23	+ Fuel tank capacity: 70 l + Dimensions (L x W x H): 1855 x 737 x 1119 mm + Weight: 895 kg												

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

Specifications and pictures introduced here are not contractual and are subjected to change without prior notice.