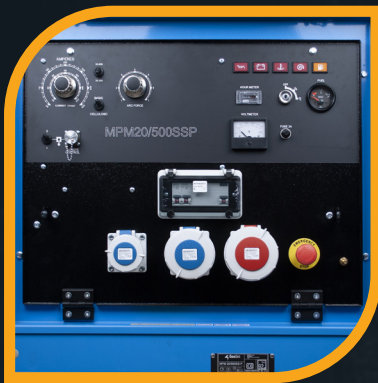


# MPM 20/500 SSP



Instrument panel



Instrument protection door



Lifting eye

We offer now what others will do tomorrow.



**Gen Set s.p.a.**

Via Stazione 5 - 27030  
Villanova d'Ardenghi (PV) - Italy  
Phone: +39-0382-5091

commerciale@genset.it  
www.genset.it

**GenSet**  
Next Gen technology  
for top business.

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

<p><b>Standard Features</b></p>	<p><b>Processes: SMAW / Tig / GAG</b></p> <ul style="list-style-type: none"> <li>• Arc Force Control with basic/cellulosic changeover switch</li> <li>• 1 x 32 A 400V three-phase EEC socket</li> <li>• 1 x 32 A 230V single-phase EEC socket</li> <li>• 1 x 16 A 230V single-phase EEC socket</li> <li>• Power output protection</li> <li>• Auto engine protection shutdown system with warning lights for:             <ul style="list-style-type: none"> <li>- battery charger failure</li> <li>- low fuel level</li> <li>- low oil pressure</li> <li>- high water temperature</li> </ul> </li> </ul> <ul style="list-style-type: none"> <li>• Fuel level gauge</li> <li>• Emergency stop button</li> <li>• Hourmeter</li> <li>• Voltmeter</li> <li>• Earth Leakage Circuit Breaker</li> <li>• 12V battery</li> <li>• Remote control socket</li> <li>• Engine oil drain pipe</li> <li>• Central lifting eye</li> <li>• Fork-lift pockets</li> <li>• Bunded base</li> </ul>
<p><b>Options</b> available as factory options</p>	<ul style="list-style-type: none"> <li>• Version with different voltages</li> <li>• 60Hz version</li> <li>• Built-in polarity reversing switch</li> <li>• Spark arrester muffler</li> <li>• Tig Lift Arc welding</li> <li>• MIG welding</li> <li>• Weld voltmeter and ammeter</li> <li>• 48V output</li> </ul>
<p><b>Accessories</b> on request</p>	<ul style="list-style-type: none"> <li>• GRT2W: two-wheels site tow undercarriage</li> <li>• GRT4W: four-wheels site tow undercarriage</li> <li>• GRT4WLB: four-wheels trailer with leaf springs and towing bar</li> <li>• Remote control unit with 20mt cable and plug</li> <li>• Reverse polarity switch kit</li> <li>• MIG wire feeder</li> <li>• Welding cables Ø 50 mm<sup>2</sup> (20+15 mt) with accessories</li> </ul>
<p><b>Noise level</b></p>	<ul style="list-style-type: none"> <li>• Lwa 92 (67 dB a 7 mt)</li> </ul>
<p><b>DC welding</b></p>	<ul style="list-style-type: none"> <li>• Current regulation: electronic</li> <li>• Duty Cycle @ 60%: 500A - 40V</li> <li>• Duty Cycle @ 100%: 400A - 36V</li> <li>• Stepless control (CC mode): 30A - 500A</li> <li>• Open Circuit Voltage: 70V</li> <li>• Max welding rod: 10 mm</li> </ul>
<p><b>AC generator - 50Hz</b></p>	<ul style="list-style-type: none"> <li>• Type: asynchronous self-excited and self-protected</li> <li>• Three-phase power (max.): 20kVA - 400 V</li> <li>• Single-phase power (max.): 12 kVA - 230 V</li> <li>• Power Factor: cos φ 0,8</li> </ul>
<p><b>Diesel Engine</b> 1500 rpm</p>	<ul style="list-style-type: none"> <li>• Type: Perkins 1103A-33G - 3 cyl. - 3300 cm<sup>3</sup></li> <li>• Max power: 42,1 hp (31 kWm)</li> <li>• Starting system: electric</li> <li>• Cooling system: water</li> <li>• Fuel consumption @ 75%: 5,4 lt/h</li> </ul>
<p><b>Other features</b></p>	<ul style="list-style-type: none"> <li>• Insulation Class: H</li> <li>• Ambient temperature: 40 °C (*)</li> <li>• Altitude: 1000 m (*)</li> <li>• Mechanical Protection: IP 23</li> <li>• Fuel tank capacity: 70 lt</li> <li>• Dimensions (L x W x H): 2015 x 900 x 1300 mm</li> <li>• Dry weight: 1066 kg</li> </ul>

(\*) - 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.