

# MPM 8-300 IKAN



Control Panel



User friendly fuel tank  
refill



Lifting eye



**Stage V**

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

commerciale@genset.it  
www.genset.it

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**ENGINE DRIVEN WELDER/GENERATOR**  
**WELDING OUTPUT POWER 300A DC**  
**THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE**  
**DIESEL ENGINE 3000 RPM**

<p><b>Standard Features</b></p>	<p><b>Processes: SMAW (stick) / Tig</b></p> <ul style="list-style-type: none"> <li>• Controller (DSE 3110) with digital display for full monitoring of generator parameters: generator voltage, battery voltage, frequency, hour meter; with auto engine protection shutdown system in case of:             <ul style="list-style-type: none"> <li>- fail to start</li> <li>- low oil pressure</li> <li>- low fuel level</li> <li>- high coolant temperature</li> <li>- over/under voltage</li> <li>- over/under frequency</li> </ul> </li> </ul> <ul style="list-style-type: none"> <li>• Fuel level gauge</li> <li>• 1 x 16 A, 400V three-phase EEC socket</li> <li>• 1 x 32 A, 230V single-phase EEC socket</li> <li>• Power output protection</li> <li>• Earth Leakage Circuit Breaker</li> <li>• Remote control socket</li> <li>• Arc force control switch</li> <li>• Automatic idle device when no load is connected</li> <li>• 12V battery</li> <li>• Central lifting eye</li> </ul>
<p><b>Options</b> available as factory options</p>	<ul style="list-style-type: none"> <li>• Version with different voltages</li> <li>• 60 Hz version</li> <li>• Tig Lift Arc welding</li> <li>• MIG welding</li> <li>• Spark arrester muffler</li> <li>• Emergency stop button</li> <li>• 48V output</li> </ul>
<p><b>Accessories</b> on request</p>	<ul style="list-style-type: none"> <li>• Trolley: two-wheels and handles</li> <li>• Two-wheels site tow undercarriage (GRT2W)</li> <li>• Remote control unit with 20 mt cable and plug</li> <li>• Parallel Welding Box with ammeter and voltmeter (P-BOX)</li> <li>• Reverse polarity switch kit</li> <li>• MIG wire feeder</li> <li>• Welding cables <math>\varnothing</math> 35 mm<sup>2</sup> (5+3 mt) with accessories</li> </ul>
<p><b>Noise level</b></p>	<ul style="list-style-type: none"> <li>• Lwa 99 (74 dB a 7 mt)</li> </ul>
<p><b>DC welding</b></p>	<ul style="list-style-type: none"> <li>• Duty Cycle @ 35%: 300 A - 32 V</li> <li>• Duty Cycle @ 60%: 270 A - 31 V</li> <li>• Stepless control: 30 A - 300 A</li> <li>• Open Circuit Voltage: 70 V</li> <li>• Max welding rod: 6 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.): 8 kVA - 400 V</li> <li>• Single-phase power (max.): 7 kVA - 230 V</li> <li>• Power Factor: <math>\cos \phi</math> 0,8</li> </ul>
<p><b>Diesel Engine</b> 3000 rpm</p>	<ul style="list-style-type: none"> <li>• Type: Kubota D722 - 3 cyl. - 719 cm<sup>3</sup></li> <li>• Max power: 19 hp (14 kWm)</li> <li>• Starting system: electric (12Vdc)</li> <li>• Cooling system: water</li> <li>• Fuel consumption @ 75%: 3,3 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: 30 lt</li> <li>• Dimensions (L x W x H): 1360 x 530 x 870 mm</li> <li>• Dry weight: 345 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.