

## MPM 5/180 I-D/AE-Y

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **170 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / DIESEL ENGINE **3000 RPM**

<b>Gen Set Features</b>	<b>Welding Processes: SMAW (stick)</b> <ul style="list-style-type: none"><li>+ Low oil pressure and battery charger warning lights</li><li>+ 12V built-in battery with electric start</li><li>+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket</li><li>+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker</li><li>+ 1 x 48 V - 50 Hz single-phase outlet (safety low voltage)</li><li>+ Earth Leakage Circuit Breaker (ELCB)</li><li>+ Voltmeter</li><li>+ Fuel level indicator</li></ul>
<b>Gen Set Options</b> (available as factory options)	<ul style="list-style-type: none"><li>+ Engine hourmeter</li><li>+ Versions with different voltages</li><li>+ 60 Hz version</li></ul>
<b>Accessories on Request</b>	<ul style="list-style-type: none"><li>+ Trolley: two-wheels and handles</li><li>+ Welding cables Ø 25 mm<sup>2</sup> (5+3 m) with accessories</li></ul>
<b>Noise Level</b>	+ LWA 99 (74 dB at 7m)
<b>DC Welding</b>	<ul style="list-style-type: none"><li>+ Duty Cycle @ 35% 170 A - 27 V</li><li>+ Duty Cycle @ 60% 140 A - 26 V</li><li>+ Output Range 40 A ÷ 170 A</li><li>+ Open Circuit Voltage 90 V</li><li>+ Max welding rod 4 mm</li></ul>
<b>AC Generator 50 Hz</b>	<ul style="list-style-type: none"><li>+ Type Gen Set asynchronous self-excited and self-protected</li><li>+ Three-phase power 5 kVA - 400 V</li><li>+ Single-phase power 4 kVA - 230 V</li><li>+ Single-phase power 1,5 kVA - 48 V</li><li>+ Power Factor 0,8</li></ul>
<b>Diesel Engine 3000 rpm</b>	<ul style="list-style-type: none"><li>+ Type <b>Yanmar L100 AE</b> - 1 cyl. - 10 HP (7,4 kWm) - 406 cm<sup>3</sup></li><li>+ Fuel diesel</li><li>+ Cooling system air</li><li>+ Starting system electric (and manual)</li><li>+ Fuel tank capacity 5,5 l</li><li>+ Fuel consumption @ 75% 1,7 l/h</li></ul>
<b>Other Features</b>	<ul style="list-style-type: none"><li>+ Insulation Class F</li><li>+ Mechanical Protection IP 23</li><li>+ Dimensions (L x W x H) 920 x 460 x 570 mm</li><li>+ Dry Weight 148 kg</li></ul>

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