

# MPM 40/700 DUAL SS-P

ENGINE DRIVEN WELDER/GENERATOR /  
TWO WELDING UNITS (2 X 350 A) / THREE-PHASE AND SINGLE-  
PHASE AUXILIARY POWER AVAILABLE / SUPER SILENCED  
MODEL / DIESEL ENGINE 1500 RPM

<b>Gen Set Features</b>	<b>Processes : SMAW (Stick) / TIG Lift Arc / MIG</b>		
	<ul style="list-style-type: none"> <li>+ Two stand-alone 400A DC welding stations:                             <ul style="list-style-type: none"> <li>- TIG LIFT ARC welding</li> <li>- MIG welding</li> <li>- Low-High amps switch for a more accurate arc control selection (30A ÷ 200A / 30 ÷ 400A)</li> <li>- Arc Force Control with changeover switch basic / cellulosic welding rods</li> <li>- Remote control socket</li> <li>- Weld Voltmeter and Ammeter</li> <li>- 1 x 48V - 50Hz, 5kVA outlet + circuit breaker</li> </ul> </li> <li>+ 12V built-in battery with electric start</li> <li>+ Engine hourmeter / Voltmeter / Ammeter</li> <li>+ Fuel level gauge</li> <li>+ Earth Leakage Circuit Breaker (ELCB)</li> <li>+ 1 x 63A, 400V - 50Hz three-phase EEC socket protected by circuit breaker</li> </ul>	<ul style="list-style-type: none"> <li>+ 1 x 32A, 400 V - 50 Hz three-phase EEC socket protected by circuit breaker</li> <li>+ 2 x 16A, 230 V - 50 Hz single-phase EEC sockets protected by circuit breakers</li> <li>+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker</li> <li>+ DAS, auto engine protection shutdown system with warning lights in case of:                             <ul style="list-style-type: none"> <li>- battery charger failure</li> <li>- low fuel level</li> <li>- low oil pressure</li> <li>- high coolant temperature</li> <li>- engine overspeed</li> </ul> </li> <li>+ Emergency STOP button</li> <li>+ Central lifting eye</li> <li>+ Fork lift pockets</li> </ul>	
<b>Gen Set Options</b> (available as factory options)	<ul style="list-style-type: none"> <li>+ Versions with different voltages</li> <li>+ Spark arrester muffler</li> <li>+ 60 Hz version</li> </ul>	<ul style="list-style-type: none"> <li>+ Flux Cored Arc Welding (FCAW)</li> <li>+ Built-in polarity reversing switch</li> </ul>	
<b>Accessories on Request</b>	<ul style="list-style-type: none"> <li>+ Four-wheels site tow undercarriage (GRT4W)</li> <li>+ Remote control unit with 20m cable and plug</li> <li>+ Parallel Welding Box with ammeter and voltmeter (P-BOX)</li> </ul>	<ul style="list-style-type: none"> <li>+ Reverse polarity switch kit</li> <li>+ Welding cables Ø 50 mm<sup>2</sup> (20+15 m) with accessories</li> <li>+ MIG wire feeder</li> </ul>	
<b>Noise Level</b>	+ Lwa 94	(69 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
<b>DC Welding</b> (single mode)	+ Duty Cycle @ 35%	400 A - 36 V	+ Stepless control (CV mode) 10 V ÷ 40 V
	+ Duty Cycle @ 60%	350 A - 34 V	+ Open Circuit Voltage 70 V
	+ Stepless control (CC mode)	30 A ÷ 400 A	+ Max welding rod 6 mm
<b>Dual Weld Mode</b>	+ Max. Output	350 A + 350 A	
<b>AC Generator</b> 50 Hz	+ Type	synchronous	+ Single-phase power 13 kVA - 230 V
	+ Three-phase power	40 kVA - 400 V	+ Power Factor 0,8
<b>Diesel Engine</b> 1500 rpm	+ Type	<b>Perkins 1103C-33TG3</b> - turbocharged - 3cyl. - 63,2CV (46,5kW) - 3300 cm <sup>3</sup>	+ Starting system electric
	+ Fuel	diesel	+ Fuel tank capacity 126 l
	+ Cooling system	water	+ Fuel consumption @ 75% 8,2 l/h
<b>Other Features</b>	+ Insulation Class	H	+ Dimensions (L x W x H) 2405 x 1020 x 1711 mm
	+ Mechanical Protection	IP 23	+ Dry Weight 1560 kg

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