

## MPM 20/500 DZ

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

<b>Gen Set Features</b>	<b>Welding Processes: SMAW (stick) / TIG / CAG</b>			
	+ DAS, auto engine protection shutdown system with warning lights in case of:		+ Voltmeter	
	- battery charger failure		+ Fuel level gauge	
	- low fuel level		+ Remote control socket	
	- low oil pressure		+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker	
	- head temperature		+ Arc Force Control with changeover switch basic / cellulosic welding rods	
	- engine fan belt failure		+ Carbon Arc Gouging (CAG) socket	
	- overspeed		+ Central lifting eye	
	+ 12V built-in battery with electric start		+ Fork-lift pockets	
	+ Engine hourmeter			
<b>Gen Set Options</b> (available as factory options)	+ Earth Leakage Circuit Breaker (ELCB)		+ Weld Voltmeter and Ammeter	
	+ 20 kVA, three-phase output: 1 x 32A, 400V - 50Hz EEC socket with ELCB protection		+ Spark arrester muffler	
	+ LIFT START TIG facility		+ Versions with different voltages	
	+ CC/CV control for MIG welding		+ 60 Hz version	
			+ Built-in polarity reversing switch	
<b>Accessories on Request</b>	<ul style="list-style-type: none"> <li>+ Two-wheels site tow undercarriage (GRT2W)</li> <li>+ Four-wheels site tow undercarriage (GRT4W)</li> <li>+ Four-wheels trailer with leaf springs and towing bar (GRT4WLB)</li> <li>+ Remote control unit with 20m cable and plug</li> <li>+ Welding cables Ø 50 mm<sup>2</sup> (20+15 m) with accessories</li> <li>+ Reverse polarity switch kit</li> <li>+ MIG wire feeder</li> </ul>			
<b>Noise Level</b>	+ LWA 103	(78 dB at 7m)		
<b>DC Welding</b>	+ Duty Cycle @ 60%	500 A - 40 V	+ Open Circuit Voltage	70 V
	+ Duty Cycle @ 100%	400 A - 36 V	+ Max welding rod	10 mm
	+ Stepless current control	30 A ÷ 500 A		
<b>AC Generator 50 Hz</b>	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power	10 kVA - 230 V
			+ Power Factor	0,8
<b>Diesel Engine 1500 rpm</b>	+ Type <b>Deutz F3L912</b> - 3 cyl. - 38 HP (28,4 kWm) - 2827 cm <sup>3</sup>		+ Starting system	electric
	+ Fuel	diesel	+ Fuel tank capacity	70 l
	+ Cooling system	air	+ Fuel consumption @ 75%	5,6 l/h
<b>Other features</b>	+ Insulation Class	F		
	+ Mechanical Protection	IP 23		
	+ Dimensions (L x W x H)	1590 x 800 x 1150 mm		
	+ Dry Weight	920 kg		

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