

## MPM 20/500 DZ

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

<b>Gen Set Features</b>	<b>Processes: STICK / TIG / CAG</b>		
	+ Oil pressure, head temperature, engine fan belt, fuel level, overspeed and battery charger warning lights	+ 12V built-in battery with electric start	+ Remote control socket
	+ Fuel level gauge - Engine hourmeter - Voltmeter	+ 1 x 230 V - 50 Hz Single-phase outlet protected by circuit breaker	+ Arc Force Control with changeover switch basic / cellulosic welding rods
			+ Carbon Arc Gouging (CAG) socket
			+ Central lifting eye
			+ Fork lift pockets
<b>Gen Set Options</b> (available as factory options)	+ Earth Leakage Circuit Breaker (ELCB)	+ DAS, auto engine protection shutdown system with warning lights in case of:	+ 20 kVA, 400VAC - 50Hz three-phase output with ELCB
	- battery charger failure	- low fuel level	+ LIFT START TIG facility
	- low oil pressure	- head temperature	+ CC/CV control for MIG welding
	- engine fan belt failure	- overspeed	+ Weld Voltmeter and Ammeter
			+ Spark arrester muffler
			+ Built-in polarity reversing switch
			+ Versions with different voltages
			+ 60 Hz version
<b>Accessories on Request</b>	+ Two-wheels site tow undercarriage (GRT2W)	+ Four-wheels site tow undercarriage (GRT4W)	+ Remote control unit complete with 20m cable and plug
	+ Four-wheels trailer with leaf springs and towing bar (GRT4WLB)	+ Reverse polarity switch kit	+ Welding cables Ø 50 mm <sup>2</sup> (20+15 m) with accessories
<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		
	+ Net Weight 920 kg		

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