

MPM 20/500 P

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

Gen Set Features	Welding Processes: SMAW (stick) / TIG / CAG			
	+ DAS, auto engine protection shutdown system with warning lights in case of:		+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker	
	- battery charger failure		+ Engine hourmeter / Voltmeter / Fuel level gauge	
	- high coolant temperature		+ Earth Leakage Circuit Breaker (ELCB)	
	- low fuel level		+ Remote control socket	
	- low oil pressure		+ Arc Force Control with changeover switch basic / cellulosic welding rods	
	- overspeed		+ Carbon Arc Gouging (CAG) socket	
	+ 12V built-in battery with electric start		+ Central lifting eye	
	+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker		+ Fork-lift pockets	
Gen Set Options (available as factory options)	+ 20 kVA, three-phase output: 1 x 32A, 400V - 50Hz EEC socket with ELCB protection		+ Weld Voltmeter and Ammeter	
	+ LIFT START TIG facility		+ Spark arrester muffler	
	+ CC/CV control for MIG welding		+ Versions with different voltages	
	+ Built-in polarity reversing switch		+ 60 Hz version	
Accessories on Request	+ Two-wheels site tow undercarriage (GRT2W)			
	+ Four-wheels site tow undercarriage (GRT4W)			
	+ Four-wheels trailer with leaf springs and towing bar (GRT4WLB)			
	+ Remote control unit with 20m cable and plug			
	+ Welding cables Ø 50 mm ² (20+15 m) with accessories			
	+ MIG wire feeder			
Noise Level	+ LWA 99	(74 dB at 7m)		
DC Welding	+ 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		
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power	12 kVA - 230 V
			+ Power Factor	0,8
Diesel Engine 1500 rpm	+ Type Perkins 1103A-33G1 - 3 cyl.- 41,3 HP (30,4 kWm) - 3300 cm ³		+ Starting system	electric
	+ Fuel	diesel	+ Fuel tank capacity	74 l
	+ Cooling system	water	+ Fuel consumption @ 75%	5,4 l/h
Other features	+ Insulation Class	F		
	+ Mechanical Protection	IP 23		
	+ Dimensions (L x W x H)	2000 x 900 x 120 mm		
	+ Dry Weight	1080 kg		

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