

MPM 20/500 DUAL DZ

- + DIESEL ENGINE DRIVEN WELDER/GENERATOR / TWO WELDING UNITS (2 X 250A) / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE

Gen Set Features	Processes: STICK / TIG			
	+ Two stand-alone high-performance welding stations allow operators to work independent of each other		+ Engine hourmeter	
	+ DAS, auto engine protection shutdown system with warning lights in case of:		+ 1 x 400 V - 50 Hz three-phase outlet protected by circuit breaker	
	- battery charger failure		+ 1 x 230 V - 50 Hz Single-phase outlet protected by circuit breaker	
	- low fuel level		+ Earth Leakage Circuit Breaker (ELCB)	
	- low oil pressure		+ Remote control socket (each unit)	
	- head temperature		+ Arc Force Control with changeover switch basic / cellulosic welding rods (each unit)	
	- engine fan belt failure		+ Central lifting eye	
	- overspeed		+ Fork lift pockets	
	+ 12V built-in battery with electric start			
	+ Fuel level gauge			
Gen Set Options (available as factory options)	+ LIFT START TIG facility		+ Built-in polarity reversing switch	
	+ CC/CV control for MIG welding		+ Versions with different voltages	
	+ Spark arrester muffler		+ 60 Hz version	
Accessories on Request	+ Two-wheels site tow undercarriage (GRT2W)		+ Parallel Welding Box with ammeter and voltmeter (P-BOX)	
	+ Four-wheels site tow undercarriage (GRT4W)		+ Welding cables Ø 50 mm ² (20+15 m) with accessories	
	+ Four-wheels trailer with leaf springs and towing bar (GRT4WLB)		+ Reverse polarity switch kit	
	+ Remote control unit complete with 20m cable and plug			
Noise Level	+ LWA 103	(78 dB at 7m)		
DC Welding (single mode)	+ Duty Cycle @ 60%	300 A - 32 V	+ Open Circuit Voltage	70 V
	+ Stepless current control	30 A ÷ 300 A	+ Max welding rod	6 mm
Dual Weld Mode	+ Max output	250 A + 250 A		
AC Generator - 50 Hz	+ Type	synchronous	+ Single-phase Power	7 kVA - 230 V
	+ Three-phase Power	20 kVA - 400 V	+ Power Factor	0,8
Diesel Engine 1500 rpm	+ Type Deutz F3L912 - 3 cyl. - 38 HP (28,4 kWm) - 2827 cm ³		+ Starting system	electric
	+ Fuel	diesel	+ Fuel tank capacity	70 l
	+ Cooling system	air	+ Fuel consumption @ 75%	5,6 l/h
Other Features	+ Insulation Class	H		
	+ Mechanical Protection	IP 23		
	+ Dimensions (L x W x H)	1590 x 795 x 1150 mm		
	+ Net Weight	980 kg		

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