

MPM 40/700 DUAL PS

- + DIESEL ENGINE DRIVEN WELDER/GENERATOR / TWO WELDING UNITS (2 X 350A) / 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		+ 2 x 400 V - 50 Hz three-phase outlets protected by circuit breakers	
	+ DAS, auto engine protection shutdown system with warning lights in case of:		+ 3 x 230 V - 50 Hz Single-phase outlets protected by circuit breakers	
	- battery charger failure		+ Earth Leakage Circuit Breaker (ELCB)	
	- high coolant temperature		+ Low-High amps switch for a more accurate arc control selection (30A ÷ 200A / 30 ÷ 400A) (each unit)	
	- low fuel level		+ Remote control socket (each unit)	
	- low oil pressure		+ Arc Force Control with changeover switch basic / cellulosic welding rods (each unit)	
	- overspeed		+ Central lifting eye	
	+ 12V built-in battery with electric start		+ Fork lift pockets	
	+ Fuel level gauge			
	+ Engine hourmeter			
	+ Voltmeter - Ammeter			
Gen Set Options (available as factory options)	+ LIFT START TIG facility		+ Built-in polarity reversing switch	
	+ CC/CV control for MIG welding		+ Spark arrester muffler	
	+ Flux Cored Arc Welding (FCAW)		+ Versions with different voltages	
	+ Weld Voltmeter and Ammeter		+ 60 Hz version	
	+ Remote control for Amperage and Arc Force			
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	
	+ Remote control unit complete with 20m cable and plug		+ Reverse polarity switch kit	
Noise Level	+ LWA 98	(73 dB at 7m)		
DC Welding (single mode)	+ Duty Cycle @ 35%	400 A - 36 V	+ Open Circuit Voltage	70 V
	+ Duty Cycle @ 60%	350 A - 34 V	+ Max welding rod	6 mm
	+ Stepless current control	30 A ÷ 400 A		
Dual Weld Mode	+ Max output	350 A + 350 A		
AC Generator - 50 Hz	+ Type	synchronous	+ Single-phase Power	13 kVA - 230 V
	+ Three-phase Power	40 kVA - 400 V	+ Power Factor	0,8
Disel Engine 1500 rpm	+ Type Perkins 1103A - 33TG1 (turbocharged)		+ Starting system	electric
	3 cyl. - 62 HP (45,6 kWm) - 3300 cm ³		+ Fuel tank capacity	126 l
	+ Fuel	diesel	+ Fuel consumption @ 75%	8,2 l/h
	+ Cooling system	water		
Other Features	+ Insulation Class	H	+ Dimensions (L x W x H)	2405x1020x1711 mm
	+ Mechanical Protection	IP 23	+ Net Weight	1560 kg

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