

MPM 16/400 S-P

- + DIESEL ENGINE DRIVEN WELDER/GENERATOR / DELIVERS 400 A OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / SOUNDPROOF MODEL

Gen Set Features	Processes: STICK / TIG / CAG	
	+ DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure - overspeed 	+ 2 x 230V - 50Hz Single-phase outlet protected by circuit breaker
	+ 12V built-in battery with electric start	+ 1 x 48 V - 50 Hz Single-phase outlet (safety low voltage)
	+ Engine hourmeter - Voltmeter	+ Earth Leakage Circuit Breaker (ELCB)
	+ Fuel level gauge	+ Low-High amps switch for a more accurate arc control selection (30A ÷ 200A / 30A ÷ 400A)
	+ Emergency STOP button	+ Arc Force Control with changeover switch basic / cellulosic welding rods
	+ Remote control socket	+ Carbon Arc Gouging (CAG) socket
	+ 1 x 400V - 50Hz three-phase outlet	+ Central lifting eye
		+ Fork-lift pockets
Gen Set Options (available as factory options)	+ Weld Voltmeter and Ammeter	+ 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	
Accessories on Request	+ Two-wheels site tow undercarriage (GRT2W)	
	+ Remote control unit complete with 20m cable and plug	
	+ Welding cables Ø 50 mm ² (20+15 m) with accessories	
	+ Reverse polarity switch kit	
Noise Level	+ LWA 96 (71 dB at 7m)	Homologated in accordance with the "Directive 2000/14/CE"
DC Welding	+ Duty Cycle @ 60% 400 A - 36 V	+ Open Circuit Voltage 70 V
	+ Duty Cycle @ 100% 350 A - 34 V	+ Max welding rod 8 mm
	+ Stepless current control 30 A ÷ 400 A	
AC Generator - 50 Hz	+ Type Gen Set asynchronous - self-excited and self-protected	+ Single-phase Power 10 kVA - 230 V
	+ Three-phase Power 16 kVA - 400 V	+ Single-phase Power 5 kVA - 48 V
		+ Power Factor 0,8
Diesel Engine 1500 rpm	+ Type Perkins 404C-22G - 4 cyl. - 28 HP (20,6 kWm) - 2216 cm ³	+ Starting system electric
	+ Fuel diesel	+ Fuel tank capacity 60 l
	+ Cooling system water	+ Fuel consumption @ 75% 4 l/h
Other Features	+ Insulation Class F	
	+ Mechanical Protection IP 23	
	+ Dimensions (L x W x H) 1600 x 700 x 1185 mm	
	+ Net Weight 730 kg	

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