

## MPM 16/400 I-VM

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

<b>Gen Set Features</b>	<b>Processes: STICK / TIG</b>			
	+ DAS, auto engine protection shutdown system with warning lights in case of:		protected by circuit breakers	
	- battery charger failure		+ 1 x 48 V - 50 Hz Single-phase outlet (safety low voltage)	
	- low fuel level		+ Earth Leakage Circuit Breaker (ELCB)	
	- low oil pressure		+ Remote control socket	
	+ 12V built-in battery with electric start		+ 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	
	+ Fuel level gauge		+ Central lifting eye	
	+ Engine hourmeter		+ Two-wheels site tow undercarriage (GRT2W)	
	+ Voltmeter			
	+ 1 x 400 V - 50 Hz three-phase outlet			
	+ 2 x 230 V - 50 Hz Single-phase outlets			
<b>Gen Set Options</b> (available as factory options)	+ LIFT START TIG facility		+ Versions with different voltages	
	+ CC/CV control for MIG welding		+ 60 Hz version	
	+ Spark arrester muffler			
<b>Accessories on Request</b>	+ Remote control unit complete with 20m cable and plug			
	+ Welding cables Ø 50 mm <sup>2</sup> (20+15 m) with accessories			
	+ Reverse polarity switch kit			
<b>Noise Level</b>	+ LWA 98	(73 dB at 7m)		
<b>DC Welding</b>	+ Duty Cycle @ 35%	400 A - 36 V	+ Open Circuit Voltage	70 V
	+ Duty Cycle @ 60%	350 A - 34 V	+ Max welding rod	8 mm
	+ Stepless current control	30 A ÷ 400 A		
<b>AC Generator - 50 Hz</b>	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase Power	12 kVA - 230 V
	+ Three-phase Power	16 kVA - 400 V	+ Single-phase Power	5 kVA - 48 V
			+ Power Factor	0,8
<b>Diesel Engine 1500 rpm</b>	+ Type <b>VM SUN 2105</b> - 2 cyl. - 29 HP (21,4 kWm) - 1991 cm <sup>3</sup>			
	+ Fuel	diesel		
	+ Cooling system	air		
	+ Starting system	electric		
	+ Fuel tank capacity	48 l		
	+ Fuel consumption @ 75%	4,5 l/h		
<b>Other Features</b>	+ Insulation Class	F		
	+ Mechanical Protection	IP 23		
	+ Dimensions (L x W x H)	1780 x 860 x 900 mm (trailer not included)		
	+ Net Weight	720 kg		

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