

## MW 16/400 S-YG

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **400 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / SOUNDPROOF MODEL / DIESEL ENGINE **1500 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG Lift Arc / MIG / CAG				
	+ DAS, auto engine protection shutdown system with warning lights in case of:		+ 1 x 48 V - 50 Hz single-phase outlet (safety low voltage)		
	- battery charger failure		+ Earth Leakage Circuit Breaker (ELCB)		
	- low fuel level		+ Low-High amps switch for a more accurate arc control selection (30A ÷ 200A / 30A ÷ 400A)		
	- low oil pressure		+ Remote control socket		
	- high coolant temperature		+ Weld Voltmeter and Ammeter		
	- overspeed		+ Arc Force Control with changeover switch basic / cellulosic welding rods		
	+ Fuel level gauge		+ LIFT START TIG facility		
	+ 12V built-in battery with electric start		+ CC/CV control for MIG welding		
	+ Engine hourmeter - Voltmeter		+ Carbon Arc Gouging (CAG) socket		
+ Emergency STOP button		+ Central lifting eye			
+ 1 x 32A, 400 V - 50 Hz three-phase EEC socket		+ Fork-lift pockets			
+ 2 x 32A, 230 V - 50 Hz single-phase EEC sockets protected by circuit breakers					
Gen Set Options (available as factory options)		+ Built-in polarity reversing switch			
		+ Spark arrester muffler			
		+ Versions with different voltages			
		+ 60 Hz version			
Accessories on Request		+ Two-wheels site tow undercarriage (GRT2W)		+ Reverse polarity switch kit	
		+ Remote control unit with 20m cable and plug		+ MIG wire feeder	
		+ Welding cables Ø 50 mm² (20+15 m) with accessories			
Noise Level		+ LWA 96 (71 dB at 7m)		Homologated in accordance with the "Directive 2000/14/EC"	
DC Welding		+ Duty Cycle @ 60% 400 A - 36 V		+ Stepless control (CV mode) 10 V ÷ 40 V	
		+ Duty Cycle @ 100% 350 A - 34 V		+ Open Circuit Voltage 70 V	
		+ Stepless control (CC mode) 30 A ÷ 400 A		+ Max welding rod 8 mm	
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 <b>Yanmar 4TNV-88</b> - 4 cyl. - 24,5 HP (17,6 kWm) - 2190 cm³		+ Starting system electric	
		+ Fuel diesel		+ Fuel tank capacity 56 l	
		+ Cooling system water		+ Fuel consumption @ 75% 4,4 l/h	
Other Features		+ Insulation Class F		+ Dimensions (L x W x H) 1828 x 683 x 1230 mm	
		+ Mechanical Protection IP 23		+ Dry Weight 740 kg	

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