



Total control



Asynchronous alternator

**SUPER
SILENCED**

Soundproof canopy

Compact and resistant super silenced engine driven welders suitable for frequent handling. Equipped with Yanmar or Perkins 1500 RPM engine, it's fitted for remote control operation.

Carbon Arc Gouging as standard.

Asynchronous alternator for a better welding current quality, clean and distortion free wave form. Just like all GenSet engine driven welders, it is designed to be used as both a generator and welder simultaneously, its simple and smart design allows a practical and easy use.



MPM 20/500 - 20/600

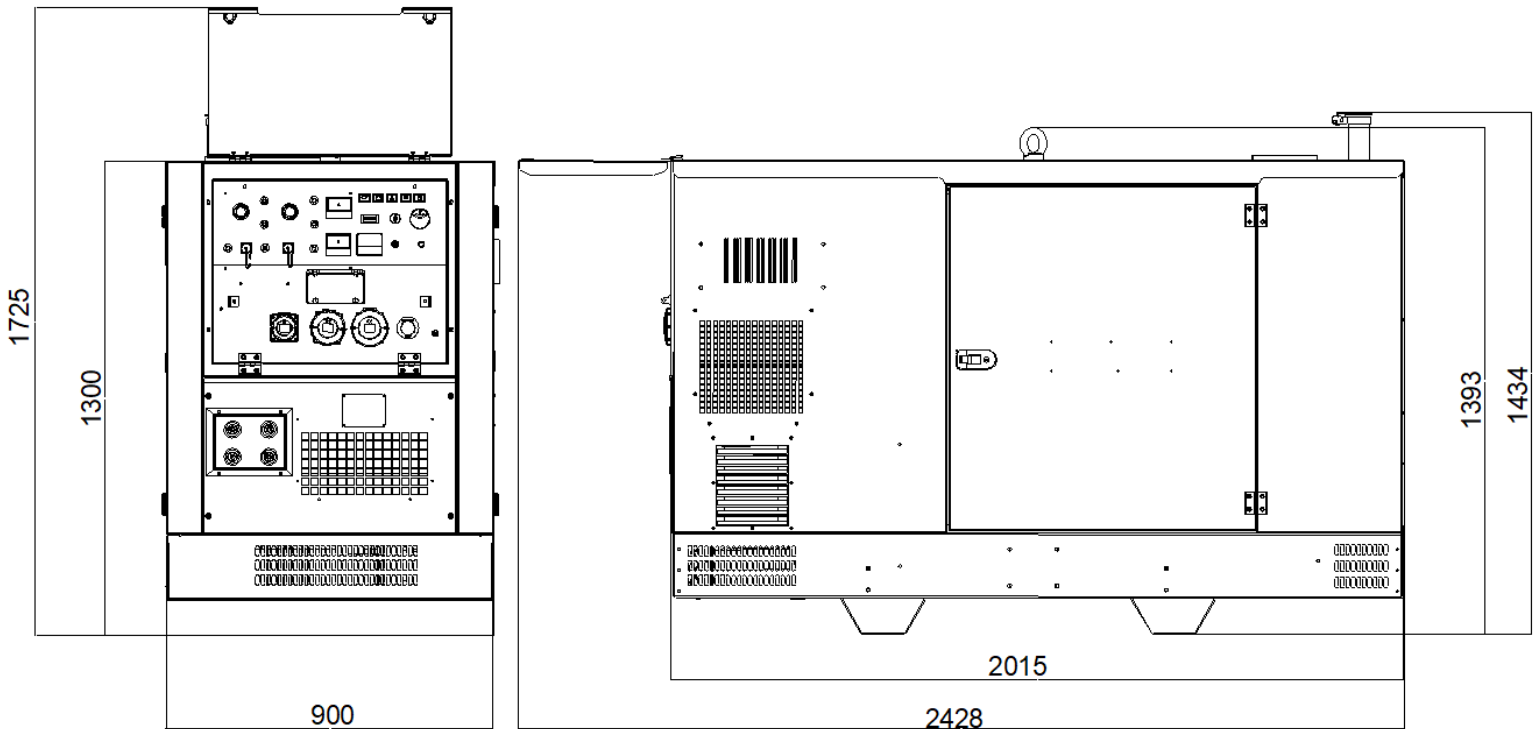


Shielded Metal Arc Welding (SMAW)
Carbon Arc Gouging (CAG)

- Arc Force Control
- Remote control socket
- Carbon Arc Gouging (CAG) socket
- Low-High amps switch for a more accurate arc control
- Auto engine protection shutdown system with warning lights in case of:
 - battery charger failure
 - low fuel level
 - low oil pressure
 - high coolant temperature
- Starting battery
- Emergency stop button
- Fuel level gauge
- Hourmeter
- Voltmeter
- 1 x 16 A - 230 V single-phase socket
- 1 x 32 A - 230 V single-phase socket
- 1 x 32 A - 400 V three-phase socket
- Earth leakage circuit breaker (ELCB)
- Power output protections
- Central lifting hook
- Bunded tank
- Fork lift pockets



DIMENSIONS IN MM



MPM 20/500 SS-Y

MPM 20/500 SS-P

MPM 20/600 SS-Y

MPM 20/600 SS-P

Noise level Lwa	92 (67 dB a 7 mt)		90 (65 dB a 7 mt)	
AC generator-50Hz	Asynchronous			
Three-phase max. power	20 kVA - 400 V			
Single-phase max. power	6,6 kVA - 230 V			
Power Factor	cos φ 0,8			
DC welding	Electronic current regulation			
Duty Cycle @ 60%:	500 A - 40 V		600 A - 40 V	
Output range:	30 A - 500 A		30 A - 600 A	
Open Circuit Voltage:	70 V			
Max welding rod:	10 mm			
1500 RPM engine	Yanmar 4 TNV 98	Perkins 1103 A-33 G	Yanmar 4 TNV 98 T	Perkins 1103 A-33 TG1
Fuel	Diesel	Diesel	Diesel	Diesel
No. cylinders	4	3	4	3
Power	46,1 HP (34,4 kWm)	42,1 HP (31 kWm)	55,9 HP (41,7 kWm)	61,1 HP (45,6 kWm)
Displacement	3319 cm3	3300 cm3	3319 cm3	3300 cm3
Cooling system	Water	Water	Water	Water
Starting system	Electric	Electric	Electric	Electric
Fuel tank capacity	70 lt	70 lt	70 lt	70 lt
Fuel consumption @75%	6,7 lt/h	5,4 lt/h	8,1 lt/h	9,4 lt/h
Insulation Class	H			
Ambient temperature	40 °C			
Altitude	1000 mt			
Degree of protection	IP 23			
Dimensions (LxWxH)	2015x900x1300 mm			
Dry weight	945 kg	1066 kg	975 kg	1085 kg



MPM 20/500 - 20/600	
Options on request	<ul style="list-style-type: none"> · Spark arrester muffler · TIG (Tig Lift Arc) welding · MIG (Metal Inert Gas) welding <ul style="list-style-type: none"> · 48 V output
Accessories	<ul style="list-style-type: none"> · ST50 Welding cables with accessories <ul style="list-style-type: none"> · Welding remote control · Reverse polarity switch kit (separate) · MIG wire feeder with 10 mt connection cable · Parallel welding box with ammeter and voltmeter (P-BOX) <ul style="list-style-type: none"> · GRT2W: 2 wheels site trailer - max. speed: 10 km/h · GRT4W: 4 wheels site trailer - max. speed: 10 km/h



NOTE
