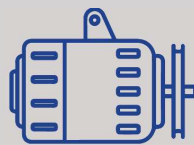




Total control



Asynchronous alternator



Heavy duty

Compact and resistant engine driven welder suitable for frequent handling. Equipped with Yanmar or Perkins 1500 RPM engine and on board control panel, 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.

Perfect to power also even more sophisticated equipment such as Inverters and Battery Chargers. 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 400 Y-P

STANDARD EQUIPMENT



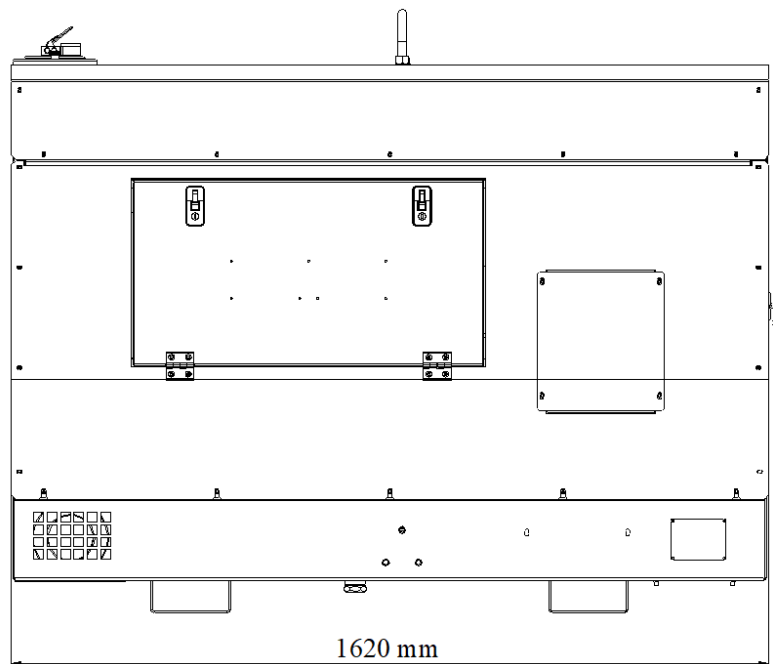
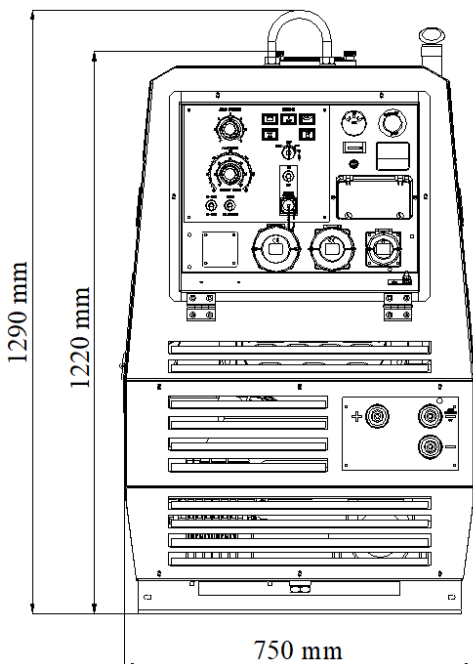
MPM 400 Y-P



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
- Engine oil drain pipe
- Central lifting hook

DIMENSIONS IN MM



MPM 400 Y-P

TECHNICAL DATA

	MPM 400 Y	MPM 400 P
Noise level Lwa	92 (67 dB a 7 mt)	
AC generator-50Hz	Asynchronous	
Three-phase max. power	16 kVA - 400 V	
Single-phase max. power	5,5 kVA - 230 V	
Power Factor	cos ϕ 0,8	
DC welding	Electronic current regulation	
Duty Cycle @ 60%:	400 A - 36 V	
Output range:	30 A - 400 A	
Open Circuit Voltage:	70 V	
Max welding rod:	8 mm	
1500 RPM engine	Yanmar 4 TNV 88	Perkins 404 A - 22 G
Fuel	Diesel	Diesel
No. cylinders	4	4
Power	24,1 HP (18 kWm)	27,6 HP (20,3 kWm)
Displacement	2190 cm ³	2216 cm ³
Cooling system	Water	Water
Starting system	Electric	Electric
Fuel tank capacity	70 lt	70 lt
Fuel consumption @75%	3,5 lt/h	4 lt/h
Insulation Class	H	
Ambient temperature	40 °C	
Altitude	1000 mt	
Degree of protection	IP 23	
Dimensions (LxWxH)	1620x750x1290 mm	
Dry weight	715 kg	790 kg



MPM 400 Y-P	
Options on request	<ul style="list-style-type: none">• Spark arrester muffler• TIG (Tig Lift Arc) welding• MIG (Metal Inert Gas) welding
Accessories	<ul style="list-style-type: none">• ST50 Welding cables with accessories• 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)• GRT2W: 2 wheels site trailer

NOTE

