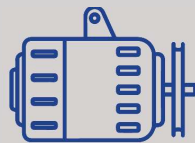


Total control



Asynchronous alternator

**SUPER
SILENCED**

Soundproof canopy

Compact and resistant engine driven welder suitable for frequent handling.
Equipped with Yanmar 1500 RPM engine, it's fitted for remote control operation.

Carbon Arc Gouging, Tig Lift Arc and Metal Inert Gas 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 16/400 SS-Y STANDARD EQUIPMENT



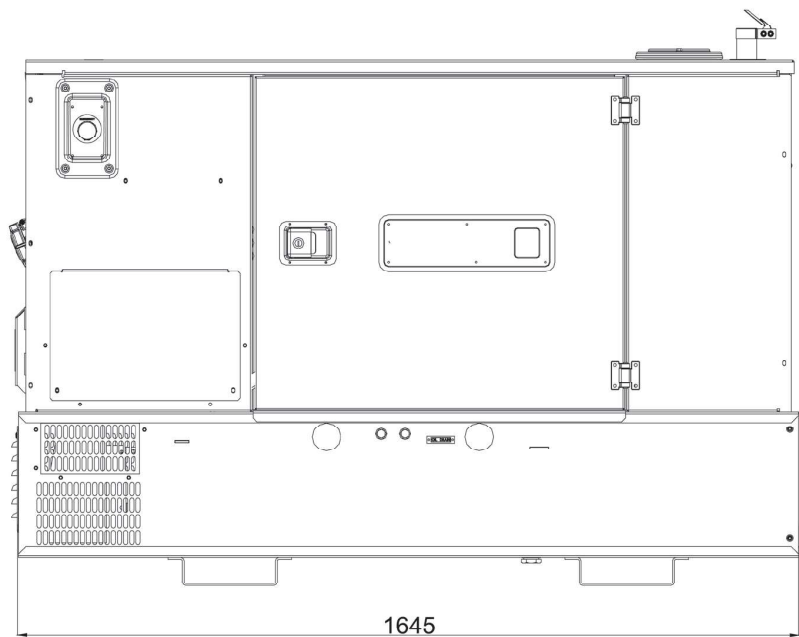
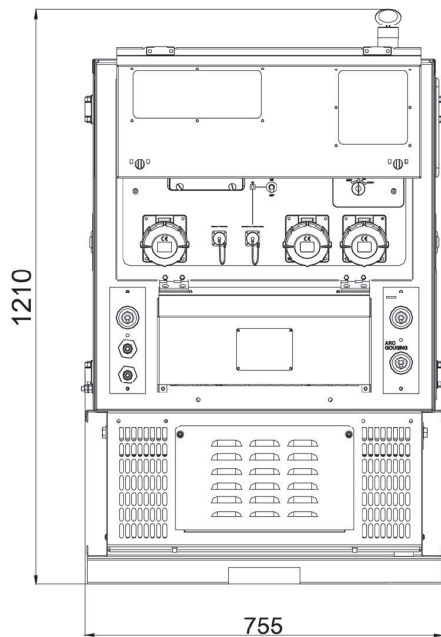
MPM 16/400 SS-Y



Shielded Metal Arc Welding (SMAW)
Carbon Arc Gouging (CAG)
TIG (Tig Lift Arc)
MIG (Metal Inert Gas)

- Arc Force Control
- Remote control socket
- Carbon Arc Gouging (CAG) socket
- CC/CV switch
- Tig/stick switch
- 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
- 2 x 32 A - 230 V single-phase sockets
- 1 x 32 A - 400 V three-phase socket
- 48 V output
- Earth leakage circuit breaker (ELCB)
- Power output protections
- Central lifting hook
- Fork lift pockets

DIMENSIONS IN MM



MPM 16/400 SS-Y	
Noise level Lwa	94 (69 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
Single-phase max. power	5 kVA - 48 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
Fuel	Diesel
No. cylinders	4
Power	24,1 HP (18 kWm)
Displacement	2190 cm ³
Cooling system	Water
Starting system	Electric
Fuel tank capacity	70 lt
Fuel consumption @75%	3,5 lt/h
Insulation Class	H
Ambient temperature	40 °C
Altitude	1000 mt
Degree of protection	IP 23
Dimensions (LxWxH)	1645x755x1210 mm
Dry weight	700 kg



MPM 16/400 SS-Y

Options on request	<ul style="list-style-type: none"> • Spark arrester muffler
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) <ul style="list-style-type: none"> • GRT2W: 2 wheels site trailer • GRT4W: 4 wheels site trailer



NOTE
