

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.





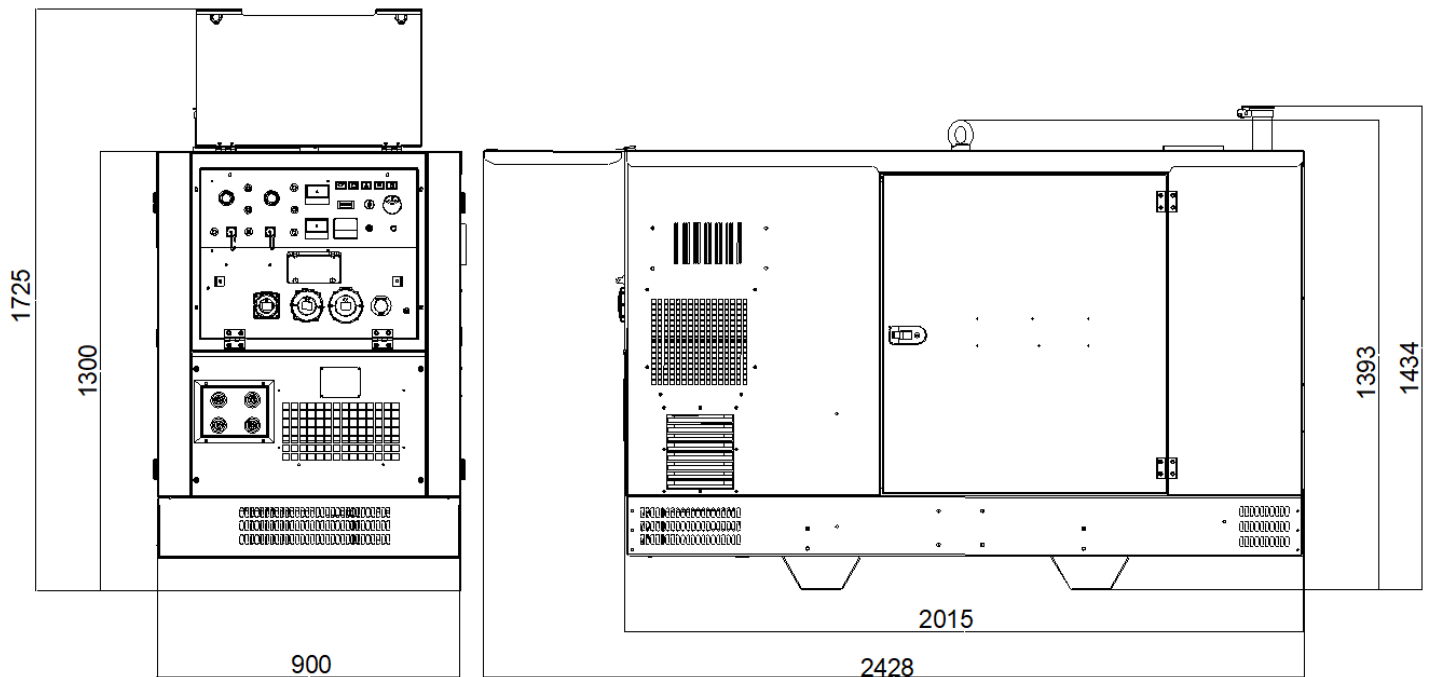
MPM 20/500 - 600 SS-Y-P



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
- 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 |



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Options on request

- Spark arrester muffler
- TIG (Tig Lift Arc) welding
- MIG (Metal Inert Gas) welding
 - 48 V output

Accessories

- 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
 - GRT4W: 4 wheels site trailer

NOTE

