# MPM 9/310 I-Y




Minimal maintenance

Asynchronous alternator

Heavy duty

Compact and resistant engine driven welder, thanks to the forkable base and the practical central lifting hook is suitable for frequent handling. Equipped with Yanmar 3000 RPM engine and on board control, it's fitted for remote control operation.
Asyncronous alternator for a better welding current quality, clean and distorsion 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.

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# MPM 9/310 I-Y STANDARD EQUIPMENT



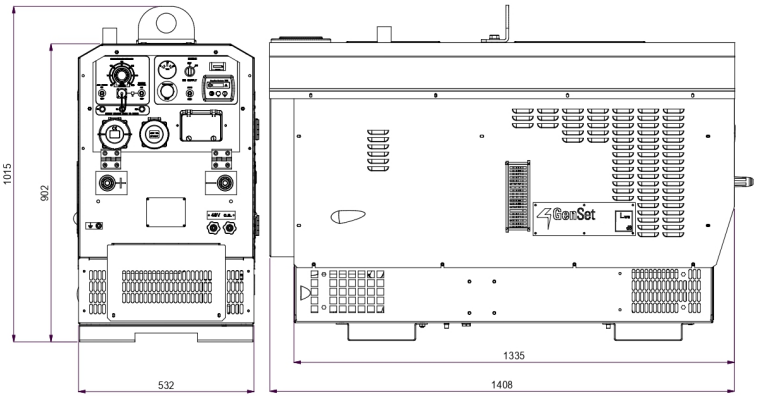

## MPM 9/310 I-Y

Shielded Metal Arc Welding (SMAW)

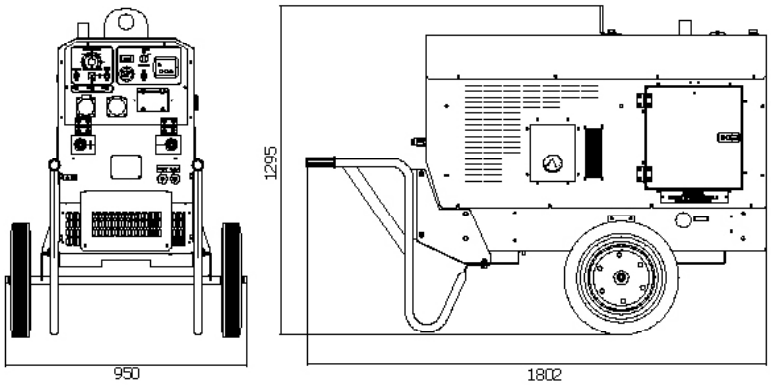
Arc Force Control
Remote control socket
Controller with digital display for monitoring of generator parameters: generator voltage, battery voltage, frequency, hourmeter, oil pressure, water temperature, fail to start; with auto engine protection shutdown system in case of:
- low oil pressure
- high coolant temperature
- over/under voltage
- over/under frequency

High alternator temperature warning light
Starting battery
Automatic idle device when no load is connected
Emergency stop button
1 x 32 A - 230 V single-phase socket
1 x 16 A - 400 V three-phase socket
Earth leakage circuit breaker (ELCB)
Power output protections
Central lifting hook
Engine oil drain pipe

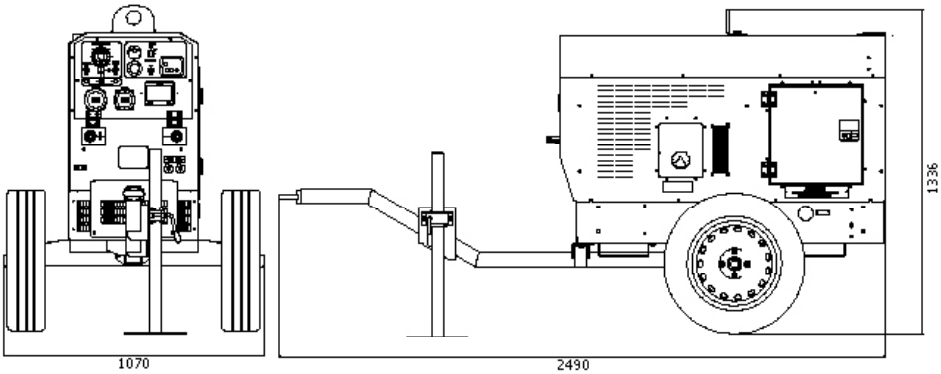
## DIMENSIONS IN MM




## DIMENSIONS WITH TROLLEY




## DIMENSIONS WITH GRT2W



# MPM 9/310 I-Y TECHNICAL DATA

| | MPM 9/310 I-Y |
|---|---|
| Noise level<br>Lwa | 99 (74 dB a 7 mt) |
| AC generator-50Hz | Asynchronous |
| Three-phase max. power | 8 kVA - 400 V |
| Single-phase max. power | 4,6 kVA - 230 V |
| Power Factor | |
| DC welding | Electronic current regulation |
| Duty Cycle @ 60%: | 270 A - 31 V |
| Output range: | 30 A - 300 A |
| Open Circuit Voltage: | 70 V |
| Max welding rod: | 6 mm |
| Yanmar 3000 RPM engine | 3TNM72 |
| Fuel | Diesel |
| No. cylinders | 3 |
| Power | 19,4 HP (14,4 kWm) |
| Displacement | 904 cm3 |
| Cooling system | Water |
| Starting system | Electric |
| Fuel tank capacity | 30 lt |
| Fuel consumption | 5,1 lt/h |
| Insulation Class | H |
| Ambient temperature | 40 °C |
| Altitude | 1000 mt |
| Degree of protection | IP 23 |
| Dimensions (LxWxH) | 1408x532x1015 mm |
| Dry weight | 385 kg |

# MPM 9/310 I-Y CUSTOMIZATIONS

MPM 9/310 I-Y

| | |
|---|---|
| Options on request | · Spark arrester muffler<br>· Tig Lift Arc welding<br>· CC/CV MIG welding<br>· 48 V output |
| Accessories | · 1- ST35 Welding cables with accessories<br>· 2- Reverse polarity switch kit (separate)<br>· 3- Welding remote control<br>· 4- MIG wire feeder with 10 mt connection cable<br>· 5- Parallel welding box with ammeter and voltmeter (P-BOX)<br>· 6- 2 wheels trolley with handles<br>· 7- GRT2W: 2 wheels site trailer |

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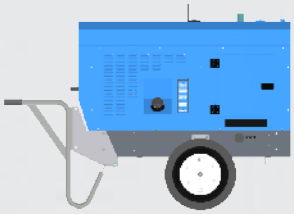
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