



MPV 33

Max. Output 33 kVA



Engine DEUTZ F4M 2011

Type	Diesel, 4 Stroke
Cooling	Oil
Cylinders	4
Displacement (c.c.)	3108
Engine output (hp)	41.2
RPM	1500
Injection system	Direct
Governor	Centrifugal, mechanical
Lubrication system	Forced
Oil sump capacity (lt)	10
Stop system	Solenoid
Fuel consumption (g/hp/h)	220
Fuel tank capacity (lt.)	50
Autonomy 3/4 load (h)	9.5
Starter battery (Ah-V)	80 -12
Battery charger (Ah-V)	30 -12
Starter motor (kW-V)	1.4 / 12

Alternator

Type	Synchronous, 4 poles selfexcited
Regulation	Electronic
Voltage (V)	400 / 230
Frequency (Hz)	50
3-Phase Output	400 V
Max. output	33 kVA
Cont.output	30 kVA
Power factor (cos φ)	0.8
Insulation class	H
Voltage stability	±2%
Frequency stability	±2.5%

Soundproof cabin

With a frame and openable hoods made of steel panels.

Engine

- Easy access in case of maintenance to the feeding system, the lubrication and the air filter.
- Safety stop in case of low oil pressure.
- Safety stop in case of high water temperature.
- Oil and fuel filters of easy access.
- Oil cooled with radiator.

Manual operated control panel

The **mase** manual starting control panel has been designed and built to combine all the control instruments and warning lights both for the engine and the generator.

The sheet steel made panel is painted and proofed against the rain. The main equipments included on the control panel are the following:

- Ammeter; • Voltmeter ; • 4-pole circuit breaker and earth fault device;
- 1-pole circuit breaker; • Electronic device for automatic shutdown of the engine in case of HWT and LOP; • Emergency stop button; • Starting key;
- Warning light for: high cooling water temperature, low oil pressure;
- Hour meter; • Socket 16A 400V 3P+N+E; • Socket 63A 400V 3P+N+E; • N°2 Socket 16A 230V 2P+E • Connector for remote control panel

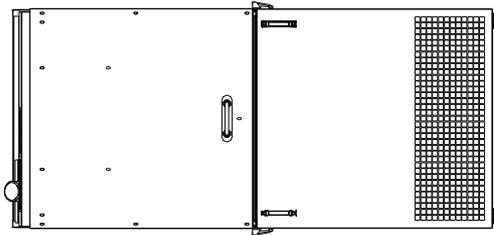
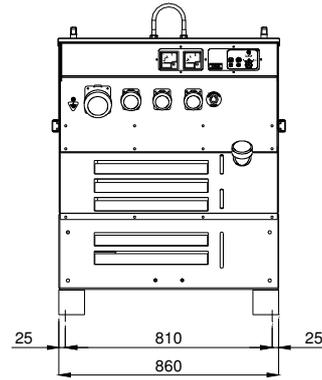
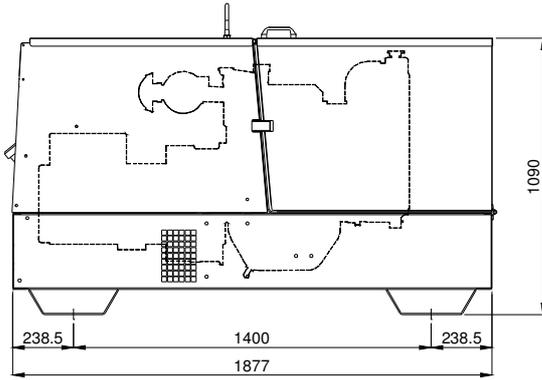
Generator

- Synchronous, 4 poles, self-excited, with AVR
- Rotor and stator epoxy resin coated against external agents.
- Rotor dynamically balanced.
- Insulation class H.

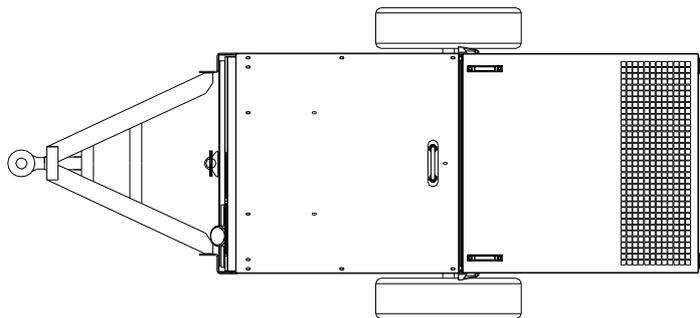
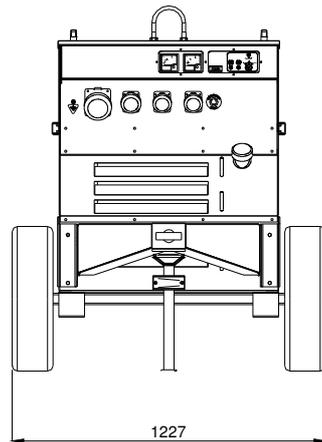
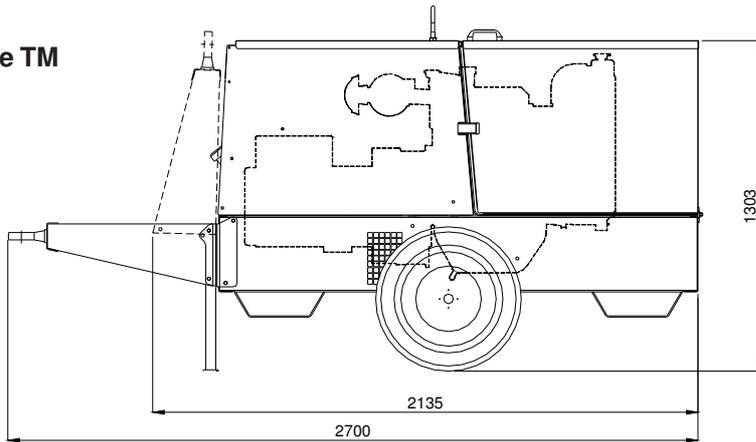
MPV 33



versione BA



versione TM



	MPV 33 BA	MPV 33 TM
length	1877 mm	2700 / 2135 mm
width	860 mm	1227 mm
height	1090 mm	1303 mm
weight	845 kg	875 kg
noise level at 7 mt. 70 dBA		

OPTIONALS 2 WHEELS SITE TOW

mase generators s.p.a. reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever.



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