



Remote control panel

The gen-set control panel was designed to include, in one single panel, the switches, control devices and the protection devices. The components are the following :

- Hour-meter.
- Start-stop button.
- Warning lamps for high temperature, low oil pressure, generator running, low fuel level.
- Cable 10 mt long.

Engine

- Easy access for feeding system and lubrication's maintenance
- Safety shutdown in case of low oil pressure.
- Safety shutdown in case of high water/exhaust gas temperature.
- Oil and fuel filters of easy access.

Alternator

- Synchronous, 2 poles, brushless, self-excited, self-regulated.
- Rotor and stator epoxy resin coated against external agents.
- Rotor dynamically balanced.
- Insulation class H.

Soundproof cabin

A new project engineering design with a structure of painted steel panels with high resistance to external agents.

Easy access to the inner cabin in case of maintenance services.

MOTOR

50 Hz

Model	Yanmar 3TNE68
Type	Diesel 4 times
Cylinders (nr.)	3
Capacity (cc)	784
Power (hp)	17,3
RPM	3000
Injection system	Direct
Speed governor	Centrifugal, mechanical
Lubrication system	Forced
Oli sump capacity (lt)	3
Engine stop system	Solenoid
Fuel pump	Meccanic
Fuel pump discharge (cm)	70
Fuel consumption (lt/h)	2,7
Starting battery (Ah-V)	70 - 12
Starter (kW-V)	1,2 - 12

ALTERNATOR

50 Hz

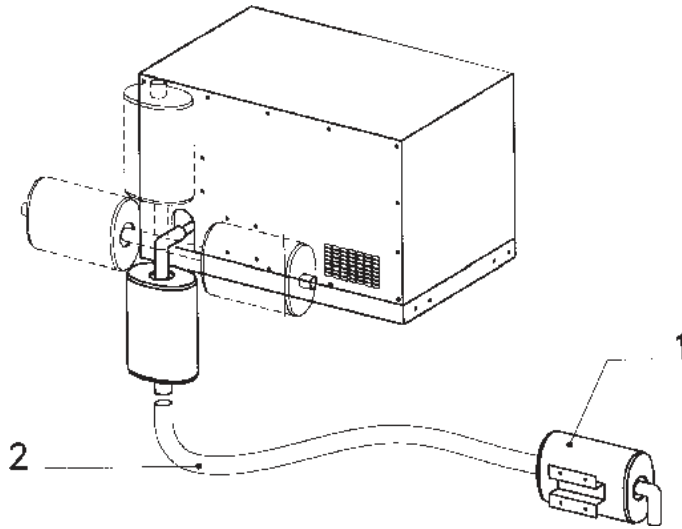
Type	Synchronous type, 2-poles, auto excited
Cooling	Air / water (Intercooler W/A)
Voltage (V)	230
Frequency (Hz)	50
Max. power (kW)	8,5
Continuous power (kW)	7,6
Battery charger (Ah-V)	30/12
Power factor(cos ϕ)	1
Insulating class	H
Voltage stability	$\pm 10\%$
Frequency stability	$\pm 5\%$

Dimensions(Len.x widthx height)	940 x 600 x 590 mm
Weight	255 Kg.
Nois level	65 dBA a 7mt

MG 9000 DM

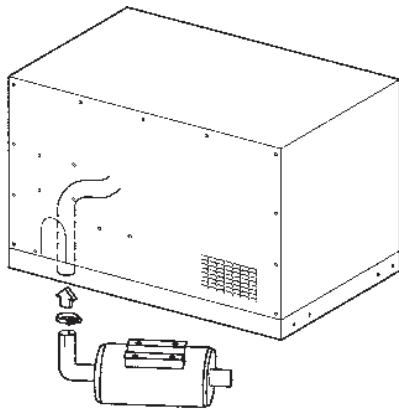


Examples of muffler installations

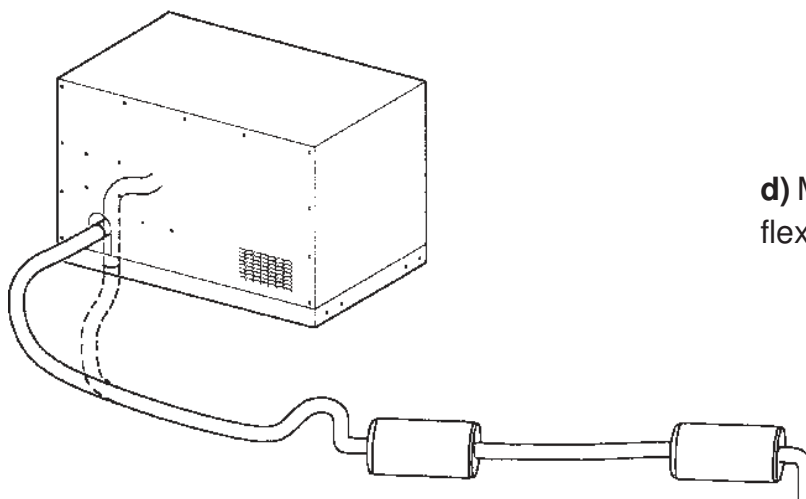


a) Rear exhaust gas

b) Plus silencer and flexible (Optional rif. 1-2)



c) Bottom exhaust side



d) Muffler and silencer joined by flexible pipe

Location: