



Power on the Go.







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Volpi Tecno Energia established in 1933 is specialised in producing diesel soundproof generating sets, totally watercooled, finalised to special employments, where low noise level, reduced weight and compact sizes are requested. The above targets have been achieved by watercooling the both engine and the alternator by a stainless steel water jackets around the winding, with the main benefit to have no need of ventilation openings into the soundsaield, and consequently no noise being let out. A watercooled ac generator has a higher efficiency mantaining compact shape and has fringe benefit does not release heat into the tecnica compartment.

- 1** High efficiency muffler located inside the soundshield cooled by water jacket.
- 2** Reliable mechanical fuel lift pump with manual priming facility. Engine is self bleeding should it run dry.
- 3** Cooling radiator connection brought out.
- 4** Electrical components and connections are inside a protective enclosure with easy access.



- A** Electrical cooling water pump, fitted inside the soundshield, already connected.

- 5** Over sized brushless synchronous ac generator produces a smooth sine wave with excellent start load capability. Surrounded by a stainless steel water cooling racket assures an excellent continous output preventing temperature de-rating, so therefore needs no forced ventilation ensuring minimumm noise level.

## ALL UNITS ARE EQUIPPED WITH:

- Soundproof fiberglass hood.
- Remote control panel with 13 m cable and socket.
- Hourmeter, automatic shut-off device for low oil pressure and/ or high water temperature.
- Set of external fixing rubber shock absorbers.
- Oil replacement hand pump.
- Owner's manual and spare parts book.
- Emergency starting handle and fuel pre-filter for Farymann.
- Cooling radiator with electrical fan cooler to be located separately on the vehicle either in vertical or horizontal position and connected at customer's care.
- Exhaust silencer located inside the soundshield with water jacket to avoid heat transfer, with outlet to be prolonged out of the vehicle by a flexible heat resistant hose.
- Electrical cooling water pump (inside the soundshield).



Radiator with electrical fan cooler for horizontal or vertical fitting, driven by thermostat.



Easy to connect remote panel incorporates start and stop buttons, hourmeter, proportional loud meter automatic and shut down for low oil pressure or high temperature.

- 6** Dual antivibration system based on 4 shock absorbers mounts inside the capsule and 4 firms captive engines mounts outside. This reduces noise and vibration transmission across a wide frequency range.
- 7** Air intake is through the generator capsule base via sound proof inlets with restricts sounds from escaping.

- 8** Oil removal hand pump fitted as standard for easy clean and quick oil changes.
- 9** Soundproof capsule made from multi layer grp, a high density sound absorbing material and heat insulating foam lining. Split into 2 halves the capsule lids enable ease of access for servicing even in tight spaces.

**MOVE**  
MOBILE ENERGY

## DIESEL VEHICLE SOUNDPROOF GENERATING SETS

GAMMA RANGE	GENERATORE GENERATOR	DIM. GENERATORE GENERATOR SIZE (LxWxH) mm	DIM. RADIATORE RADIATOR SIZE mm	WEIGHT KG	CYL.	PERFORMANCES	
						KVA	KW
3000 RPM 	P4000 MOB	660x460x600	550 x 560	103+20	1	4.0	3.5
	P6000 MOB	860x580x650	550 x 560	150+20	2	6.0	5.0
	P9000 MOB	860x580x650	750 x 640	175+25	2	9.0	8.0
	P14000 MOB	970x580x650	750 x 640	222+25	3	14.0	11.0
	P18000 MOB	1070x580x650	710 x 940	242+40	4	18.0	16.0
1500 RPM 	P6500 MOB	860x580x650	550 x 560	185+20	3	6.5	6.0
	P8500 MOB	970x580x650	750 x 640	220+25	4	8.5	8.0
	P16500 MOB	1300x660x750	710 x 940	360+40	4	16.5	14.0

Specifications, dimensions and weight may be subject to modifications without prior notice.

The radiators with electrical fan cooler can be fitted in horizontal or vertical and are driven by a thermostat.

Roof version with carter available.



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