



TECHNICAL DESCRIPTION OF ACCESSORIES

SLOW TOWING TROLLEY, max. speed 20÷25 Km/h, not homologated for road circulation on Italian roads, built with solid electro welded sectional steel, it is able to sustain the whole complex and is supplied in two versions:

- **SINGLE AXLE TYPE**, for gensets with power \leq 150 KVA, with two pneumatic wheels, fixed shaft with towing eye and with holder foot;
- **TWIN AXLE TYPE**, for gensets with power from 190 to 500 KVA, with 4 pneumatic wheels, turning rudder with ball bearing and towing eye.

RESIDENTIAL SILENCER cylindrical shape, built outside in carbon steel, inside coated with soundproofing material, held by perforated plates, black painted with paints suitable for high temperatures. It grants a damping of about 30÷35 dB (A); it is supplied loose.

FLEXIBLE PIPE: flexible pipe with double lacing in galvanized steel without asbestos gasket, fit to the execution of the exhausting gas pipes. We advise to use max. 3 linear meters of flexible pipe, to avoid excessive counter pressures at the exhaust gas outlet of the engine.

OIL EXTRACTION PUMP: it allows oil extraction from the engine sump, through manual pumping, in order to simplify at most the operation and avoid environmental pollution.

THERMOMAGNETIC CIRCUIT BREAKER for the protection from short circuits or from alternator overcharges, it has to be installed according to the national regulations, in Italy in the following cases:

- * generator with a different power from MAINS supply;
- * Considerable distance (> 10 mts.) between generator and electric panel;
- * The automatic control panel is not provided with telecommutation;
- * There is not a thermo magnetic and differential consumer protection in the circuit after the genset.

DIFFERENTIAL RELAY: together with the 4 poles thermo magnetic circuit breaker protects from indirect contacts.

SELF OPERATED FILLING UP SYSTEM: it is an optional both for the tank included in the base frame and the tank placed out of the base frame, and allows the self-operating filling up of the daily tank, without the intervention of operators.

GENERATING SETS

The filling will be effected drawing the fuel from the underground tank or however at an height from hearth of the free surface of the fuel not higher than the supporting floor of the group, in order to allow the return to gravity (through a coupling) of the fuel in case it comes out from the too full blow off.

The tank will be hydraulically connected to the daily tank of the group by means of two pipelines, one for the adduction of the fuel, and the other of a bigger section, for the return of the too full (materials not supplied).

The system, is essentially composed by:

- **FILLING UP ELECTRIC PUMP**, self priming blade type, capacity Q = 1800 lt/h, HMT = 20 mts., with three phase electronic engine 380/220 Vac 50 Hz, power 0,5 Hp;
- **HAND OPERATING PUMP** for emergency filling in by pass-with HAND OPERATING VALVES interposition;
- **ELECTROVALVE** for fuel interception;
- **INDICATOR FLOATING DEVICE** for safety, to indicate maximum level;
- **INDICATOR FLOATING DEVICE/S** to indicate the fuel level inside the tank;
- **ELECTRIC CIRCUIT** for the automatic starting of the electric pump

WORKING DESCRIPTION

The daily tank is automatically filled by means of the electric pump on minimum level impulse, drawing diesel oil from the outside tank. At the reaching of the maximum level, the electric pump receives the impulse of immediate stoppage. In case of failure, the fuel surplus will return to the tank of origin, flowing down from the too full conduit due to gravity. In case of emergency, it is possible to fill the daily tank, by means of the hand-operating pump, switching the proper hand operated valve.

Informative only