

TECHNICAL DESCRIPTION

SUBJECT: Tank 20.000l capacity for fuel transportation, with pumping unit and meter unit installed on **IVECO T-way 6x4 3800 wb**

Double-D section tank, 3 compartments 6800+6500+6800 total capacity 20.000l approx. (+expansion volume), constructed entirely in steel sheet S275, 4mm thick both for the shells as for the dished heads and with dimensions suitable to the truck chassis supplied.

The tank is constructed and mounted as follows:

- steel shells welded together and to the external dished heads
- internal dividing walls
- counter-frame suitable for off- roads use and in rough terrains. The flexible connections between vehicle chassis and counter-frame have the function of compensating the torsion in a way to absorb all the stress that runs from the chassis to the tank
- supporting saddles with steel tie rods with springs suitable for fixing the tank to the vehicle chassis.
Between saddles and tank a rimmed rubber strip is placed to ensure stability and adhesion of the tank.
- n.3 manhole with cover diam. 500 complete with inlet and breathing valve and containing basin in case of liquid pouring out from the manhole
- n.3 graduated level gauge
- n.3 bottom valve with pneumatic control for loading and unloading of each compartment
- n.1 access ladder to manholes with safety rail
- n.1 fire extinguishers with 9 kg of chemical powder in special holders
- n.2 pieces of flexible hoses with quick connections on the ends placed in special lockable steel carriers.
- Equipotential connections with copper plaits between tank and vehicle chassis, set of signs for the transportation of inflammable fluids.
- n.1 lockable case for containing vehicle standard equipment
- spare wheel holder
- rear mud guards
- platform on the truck rear bumper for access to the pumping unit
- reflecting strips on the tank sides and the pumping unit box
- Painting in one Ral standard colour of customer choosing.

PUMPING UNIT

Pumping unit placed in a suitable stainless steel box, positioned on the rear side of the vehicle, composed of:

Positive displacement pump for fuel, 500 l/1' capacity, driven by the truck PTO through a suitable hydraulic system.

Suitable piping, gate valves and connections allow the compartments loading and unloading

Litre counter with a flow rate of 550 l/1', complete with filter, degasser, aircheck valve, with positive displacement head having partial measuring at 5 resettable digits, and total measuring with 7 non resettable digits.

Manual winding hose reel with 20 m of 1"½ hose and delivery gun.