

**SUBJECT:** tank 20.000 l capacity for fuel transportation with pumping and metering unit installed on ASTRA HD9

The equipment is composed of:

double-D section tank, one compartment, with geometrical capacity 20.000 l constructed in steel sheet S355JR, 4mm thick both for the shells as for the dished heads and with dimensions suitable to the vehicle chassis.

The tank is constructed and mounted as follows:

- steel shells welded together and to the dished heads
- internal anti-sloshing baffles
- supporting saddles with steel tie rods 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.1 manhole with cover diam. 500 complete with loading port and breathing valve
- n.1 dip stick
- n.1 pneumatic bottom valve
- n.1 access ladder to manhole and working platform
- n.2 fire extinguishers capacity 9 kg 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 tool box
- Mud guards for rear wheels.

### **PUMPING AND METERING UNIT INSIDE A STAINLESS STEEL BOX**

Atex pump, Positive-displacement fit for fuel, 550 l/1' capacity, driven by the PTO of the vehicle by means of hydraulic equipment. Suitable piping, gate valves and quick connections allow the loading, unloading and transfer operations of the fluid in the tank.

Atex litre counter 550l/1' max capacity, complete with filter, degasser, air check valve complete with volumetric head having partial measuring at 5 numbers which can be zero-set, and total measuring at 7 numbers which cannot be zero-set.

Hose reel with manual winding complete with 15 m of 1"½ hose and quick connection (flow to the gun 350l/1' approx.)

For fuel delivery a gun will be supplied. The delivery gun is in aluminium, having a double piston valve for progressive opening and anti-drop valve