

## TECHNICAL DESCRIPTION

Tank 20.000l (comprising 3% outage of expansion) capacity for fuel transportation, with pumping unit and meter unit installed on **IVECO AD380T38H 6x4 3820 wheelbase**

Tank with one compartment, 20.000l capacity (comprising 3% outage of expansion), built-up in carbon steel plates, 4mm thick, with dimensions suitable to the chassis supplied.

The tank is built and assembled as follows:

- steel shells welded together and to the dished heads
- internal anti-sloshing baffles
- saddles shaped according to the tank section are supporting the tank by semi-elastic connections and connected to the truck chassis by bolted plates in the rear and springs in the front
- n.1 manhole with cover, diam. 500, complete with loading port and breathing valve
- n.1 dip stick level indicator
- n.1 containing basin for liquid pouring off the manhole
- n.1 bottom valve with pneumatic remote control
- n.1 access ladder to manhole and platform
- n.2 fire extinguishers with 9 kg of chemical powder in special holders
- n.2 pieces of flexible hoses, 3 m long with quick connections, placed in special lockable stainless steel carriers equipotential copper connections between tank and vehicle chassis, set of warning signs for transportation of flammable fluids
- n.1 lockable storage box for vehicle standard accessories
- mud guards for rear wheels

### **PUMPING AND METERING UNIT INSIDE A STAINLESS STEEL CASE POSITIONED ON THE REAR SIDE OF THE TANK**

A positive displacement pump 500 l/min capacity, operated by the truck engine through a properly dimensioned hydraulic oil system, activated by the truck PTO.

The PTO is pneumatically controlled from the driver's cab.

Suitable piping, gate valves and connections allow the tank loading, unloading and fuel transfer operations

Fuel meter complete with filter, partial and total measuring and with a flow rate of 500 l/min.

Reel with manual winding device with hand crank and 15 m of 1"1/2 hose and delivery gun.

Including fast fill system  
Fuel hose-reel 20BAR, 270mm width  
Wiggins refueling nozzle (fitted with adapter and swiveling joint)  
3-positions diverter valve 2"  
Full bore ball valve 2"

