

**TANKER TRUCK**

for transport and distribution of **LPG**

**Tank type features:**

- Products to be transported, liquid gases class 2 (ADR): propane, butane, isobutane, mixtures, etc.
- Manufactured under applicable European Directives: 2010/35/UE (π marking), 2008/68/CE.
- Applicable regulations: ADR, EN12493, IMO8 (optional).
- Maximum working pressure: 19,2 bar.
- Design and test pressure: 25 bar.
- Inspections and controls according to ADR.
- Anticorrosive primer finish (high strength cataphoresis for the frame) and white polyurethane finish (blue chassis).





### OVERALL DIMENSIONS FOR A 3 AXLE TRUCK (26 TONS)

- Nominal capacity: 28 m<sup>3</sup>.
- Estimated tare weight of the truck without tank: 7.4 Ton.
- Approximate tare of the set: 14 Ton.
- LPG load: 12 Ton.

### INCLUDED ELEMENTS IN A BASIC TANKER

- Internal baffles inside for transport with partial filling.
- Aluminum sunshade in the upper area of the cylinder.
- DN500 inspection manhole.
- Loading cabinet in the central area, with access from both sides.
- Distribution cabinet in the central area, right side.
- Other: ADR plates, fire extinguishers.

### EMERGENCY/SAFETY SYSTEMS

- The tanker includes **6 emergency pushbuttons** in various tanker locations. When manually activated, they close the tanker stopvalves and the pump switches to stop mode.
- **Detector for closed cabinet:** When valves cabinet is closed (no intention for LPG transfer), this detector closes the tanker stop valves and the pump switches to stop mode.
- **Parking brake:** Tanker stop valves can only be opened when the parking brake is activated. Option to be specified (in coordination with the truck supplier).
- **Anti-start system:** In case the truck tries to be started with the valves cabinet open, this safety system acts on the truck brakes, leaving them constantly activated. To avoid a possible wrong contact during truck driving, that could cause a sudden break on road, this system only acts when speed is below 5 km/h (when starting the truck). Option to be specified (in coordination with the truck supplier).

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We adapt our products to the needs of our clients (truck, capacity, equipment, sunshade, etc.). An example of a tanker is shown in this catalog. Check with us your requirements.

### LPG EQUIPMENT

- Pneumatic operated bottom valves, REGO or similar.
- Manual stopvalves, ball type, with stainless steel sphere.
- Blackmer 3" type pump. With hydraulic motor. With Blackmer 1-1 / 2" bypass.
- Liquid Control type volumetric counter with temperature compensator. Electronic head. Printer in separate cabinet.
- Hose 1-1/4" (28 meters), In winder with pneumatic / hydraulic reel.
- Connections to gas or liquid phase, finished in flange. Optionally, the terminal will be placed according to the customer needs.
- All pipe sections are protected by relief valves, either manual or automatic.
- Other tank valves:
  - REGO type rotating level.
  - Internal safety valves, REGO type (IMO case).
  - High point indicator and pressure gauge.
  - Temperature indicator.

### HYDRAULIC INSTALLATION:

- Under customer specifications, complete hydraulic equipment is included: hydraulic pump, oil tank, cooling circuit, etc.

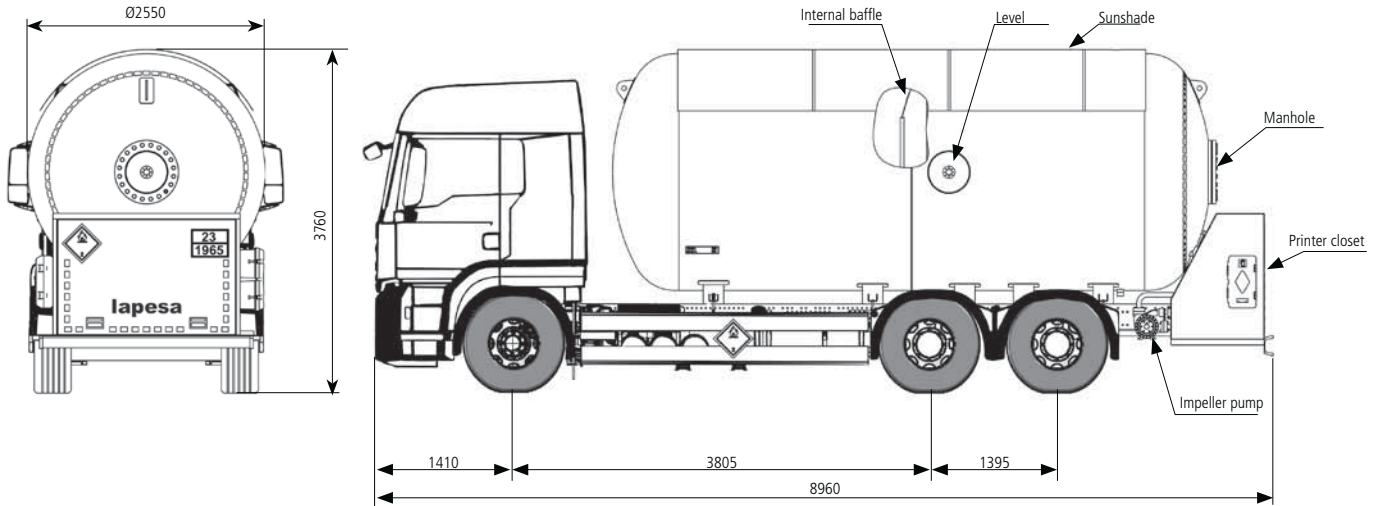
### FINAL DOCUMENTATION

- Manufacturing dossier.
- ADR documentation.
- Instructions manual.
- Technical drawing.
- Complete documentation of vehicle homologation.

### SOME EXAMPLES OF OPTIONAL ELEMENTS

- Loading connections in the rear area.
- Auto-filling equipment, which allows the pump to be used to fill the tank
- Tank inertization.
- Thermal treatment.
- IMO8 (allows to transport the tanker by ship, for short distances).
- Finished with customer image, logos...
- Different brands for transfer equipment.
- Stainless steel pipes.
- Fire Safe Valves.
- Specific connections to gas phase and liquid phase.





**PIPING AND INSTRUMENTATION (P&ID) LTT28**

