

Aircraft Filling Lorry

CAPL-16M

Special vehicle for filling aircraft by fuel (kerosene and petrol) and for storing and transporting it, in case of need.



Meets:

- the applicable EU requirements for international road transport of hazardous materials (ADR, class 3)
- requirements for safety and environment legislation requirements on utilisation of vehicles on public roads
- specific military operation requirements, in force in the Czech Army as well as in the NATO member states armies

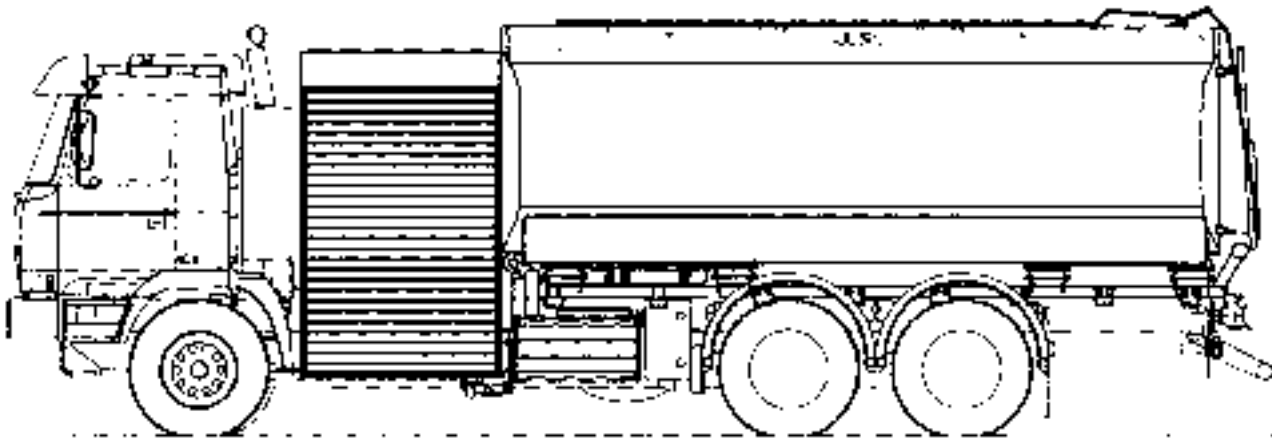


Aircraft Filling Lorry CAPL - 16 M

Aircraft filling lorry CAPL - 16 M has been designed for filling aircraft by fuel (kerosene and petrol). It can be used not only for filling the fuel, but also for storing and transporting it, in case of need. CAPL - 16 M meets the applicable EU requirements for international road transport of hazardous materials (ADR 3) as well as safety and environment legislation requirements on utilisation of vehicles on public roads EURO III. It also meets specific requirements concerning military vehicles operation in force in the Czech Army as well as in the NATO member states armies.

Basic tasks:

- Filling/emptying its own tank through its own pump
- Filling its own tank from an outside source
- Filling aircraft by gauged, filtered fuel from its own tank as well as from other sources in the open and/or closed, pressurised way
- Dosing additives to the fuel in volume corresponding to the actual flow rate
- Pumping fuel between two outside sources without running the fuel through its own tank
- Pumping the aircraft fuel off their tank(s)
- Emptying its own tank by self-discharging ensuring the function of emergency discharging



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Basic data:

- Undercarriage TATRA T 815-28OR25 28 270 6x6.2/451 TERRNo 1
- One-chamber tank made of light alloy, capacity 16 000 l
- Flow rate at delivery and/or intake 1 200 l/min
- Aircraft filling - closed, pressurised way 680 l/min
 - open way (by gun) 400 l/min
- Filling pump with continuous flow rate adjustment
- Delivery volumetric counter
- Vehicle engine output 270 kW at 1 800 r.p.m.
- Vehicle maximum velocity 85 km/h
- Gearbox mechanical, 10 speed
- Brakes ABS+retarder
- Suspension - torsion bars and telescopic shock absorbers in the front
 - air bellows + springs + telescopic shock absorbers in the rear