



TLF 3000/400 N20 H3

Airport fire fighting vehicle

Chassis

Model: VOLVO FL814 R 4x4

G.V.W.: 14 Ton

Engine: D8K280 - EURO 6d

Gearbox: automatic Allison AL306

Fire equipment

Water tank: 3000 litres made by Stainless Steel AISI 316 L.

Foam tank: 400 litres made by Stainless Steel AISI 316 L.

Fire pump: FPN 10-2000 output 2000 lpm @ 10 bar.

Roof monitor: DN40 with adjustable output from 500 to 1200 lpm, electrically controlled.

Hose reel: for medium pressure with water/foam gun - 150 lpm.

Dry chemical powder: 150 kg. pressurised by nitrogen bottle.

Automatic system to control the whole fire equipment.

Emergency electrical equipment complete with lights bar, siren. PA system, perimetral lights and telescopic mast.

Bodywork: aluminum structure with glued aluminum panels (No weldings) with 2 storage lockers on each side and pump locker, all closed by aluminum roller shutters.

The vehicle is conform to the following norms:

- I.C.A.O. Annex 14 - Volume 1: Aerodrome Design and Operation;
- I.C.A.O. Airport Service Manual - Part 1: Rescue and Fire Fighting (Doc 9137);
- NFPA 414 edition 2017 - Standard for Aircraft Rescue and Fire-Fighting Vehicles;
- EN 1568-3:2018 - Fire extinguishing media - Foam concentrates - Part 3: Specification for low expansion foam concentrates for surface application to water immiscible liquids;
- EN 1846-1:2011 - Firefighting and rescue service vehicles - Part 1: Nomenclature and designation;
- EN 1846-2:2013 - Firefighting and rescue service vehicles - Part 2: Common requirements - Safety and performance;

- EN 1846-3:2013 - Firefighting and rescue service vehicles - Part 3: Permanently installed equipment - Safety and performance.

