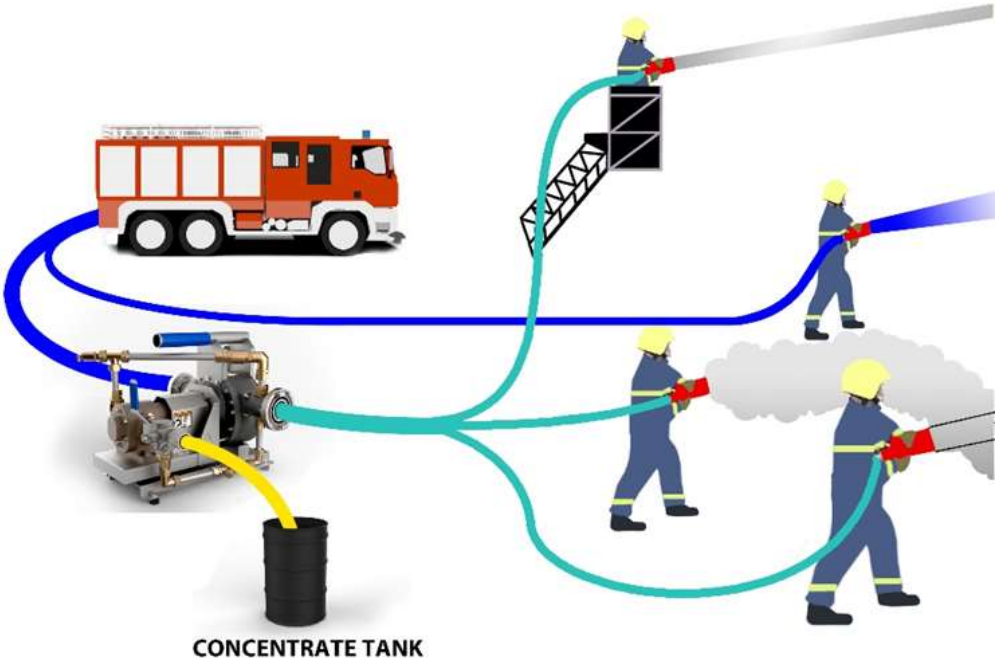
Advantages with FIREMIKS foam proportioners installed on Fire Trucks

- ✓ **FIREMIKS** is a reliable mechanical system, driven by water flow only, no separate mechanical or hydraulic PTO is needed. Neither is electricity or an electric motor required, so there is no affect the vehicle's power supply.
- ✓ **State-of-the-art** water motors and dosing pumps works flow-proportionally, allowing precise proportioning across a wide range of water flow rates and pressures.
- ✓ **Easy compact system** to install, requires only regular hydraulic calculations.
- ✓ **Foam dosing is kept separate**, no contamination of main pump as with Around-the-pump systems.
- ✓ **Easy to use**, it starts working immediately when nozzle(s) are opened. Quick opening and closing of nozzles (pulsing) don't affect dosing rate. Like this you can reduce water and/or concentrate usage without sacrificing your reach / throw length, usually not possible with electronic systems.
- ✓ **When foam inlet three-way** valve is closed, flushing of unit starts automatically and immediately.
- ✓ **Heights and lengths of the hose lines** at site play hardly any role since the water pressure has minimal influence on the proportioning rate. (Within the stated max and min of flow and pressure.)



Possible use of one FIREMIKS mobile unit for several nozzles to be used at the same time.

- ✓ **Very well suited** to be used for aerial/turntable ladder trucks.
- ✓ **With one FIREMIKS** it is possible to have several foam outlets on the truck, for example for separate handheld nozzles, together with one line for a monitor on the roof of the Fire Truck, all to be used on the same time and independently of each other.
- ✓ **Suitable for different discharge devices**, for example jet spray nozzles, monitors, medium-, low expansion and adjustable foam nozzles, high-expansion foam generators, etc.
- ✓ **<u>Optional;</u> Dosing return valve** to test the system and the dosing, also to train personnel, without consuming concentrate.
- • **<u>Optional;</u> easy-to use valve system** to obtain three (or on some models six) dosing rates in steps, for example 1-2-3% (1-2-3-4-5-6%).

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Examples of references on Fire Trucks:

Sweden, Medelpad Fire Brigade - FIREMIKS 400-1-2-3-PP-F on a multi-purpose hook-lift system. Flow 100 – 400 lpm, dosing rate selectable 1%, 2% and 3% of X-fog concentrate to be used with hand-held nozzles.

Finland, Åland Island, Jomala Fire Brigade - FIREMIKS 1800-0,3-0,6-1-PP-F mounted on a 24-tonne multi-lift system with two 200-litre foam concentrate tanks and a 15,000 litre water tank, with an additional 7,000 litre open pool on the roof. The unit offers three selectable dosing rates 0,3%, 0,6% and 1% and is intended to be used specifically for the local airport and large-scale fires on the island.

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Lithuania, Fire truck built by Iskada for PKN Orlean's refinery in Mazeikiu, Renault C 430 6x4 double cab. 4000 liters of water, 2000 liters of foam concentrate. Water pump: JOHSTADT NP6000S 6000 l/min at 10 bars. ***FIREMIKS 4800-3-PP-F-ALU*** with flowrate up to 4800 l/min, 3% dosing rate.

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Indonesia, two Foam trucks built by PT Meco Inoxprima for Pertamina, ***State oil company***, each truck equipped with ***2 x FIREMIKS 8000-3-GP-F-ALU***, giving total 16,000 lpm capacity of dosing 3% concentrate.

Italy, Vigili del Fuoco, Lumezzane – Brescia - FIREMIKS 450-1-2-3-PP-M-ALU installed in a MAN truck, to be used Mobile. Flow range 100-450 lpm and selectable dosing rate 1-2-3%, max pressure 16 bar.

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Italy, Vigili del Fuoco, Verola Nuova – Brescia. FIREMIKS 450-0,3-0,6-1-PP-F-ALU installed in an IVECO truck made by Fortini Anticendi. Flow range 100-450 lpm and selectable dosing rate 0,3-0,6-1%, max pressure 16 bar.

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