

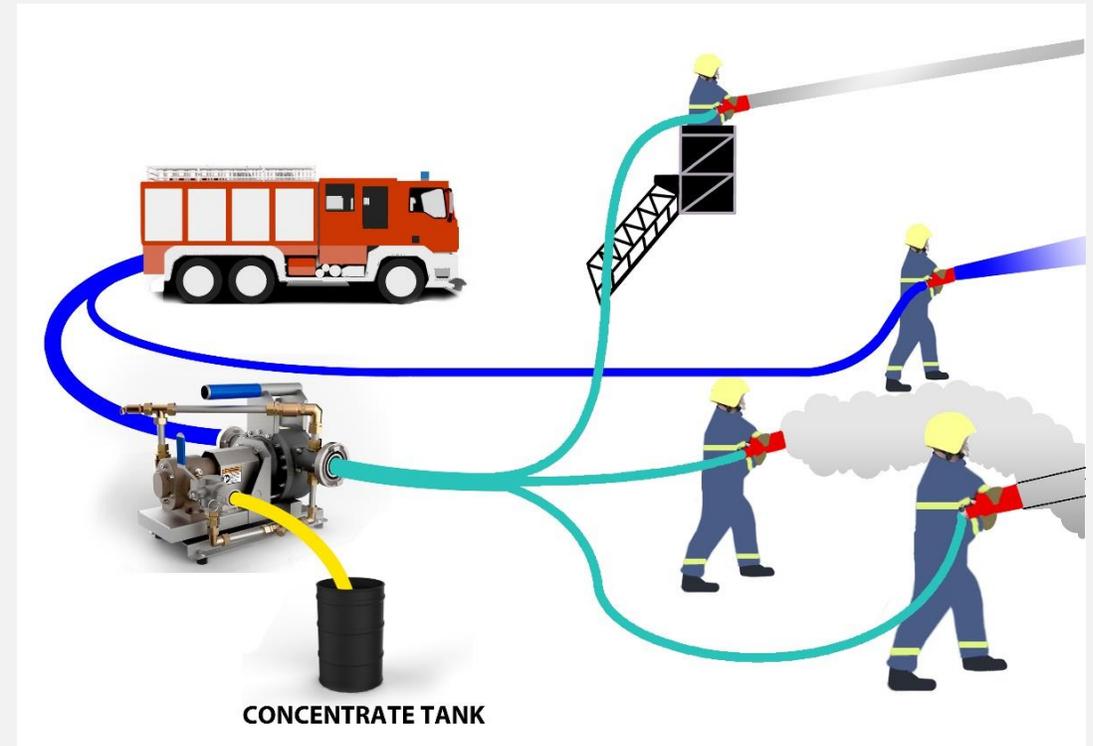


MOBILE WATER DRIVEN PUMP PROPORTIONER FOR FIRE BRIGADES

FIREMIKS is a reliable and easy-to-use foam proportioner,
driven by the water flow only.

www.firemiks.com

MOBILE FIREMIKS – HANDY AND FLEXIBLE

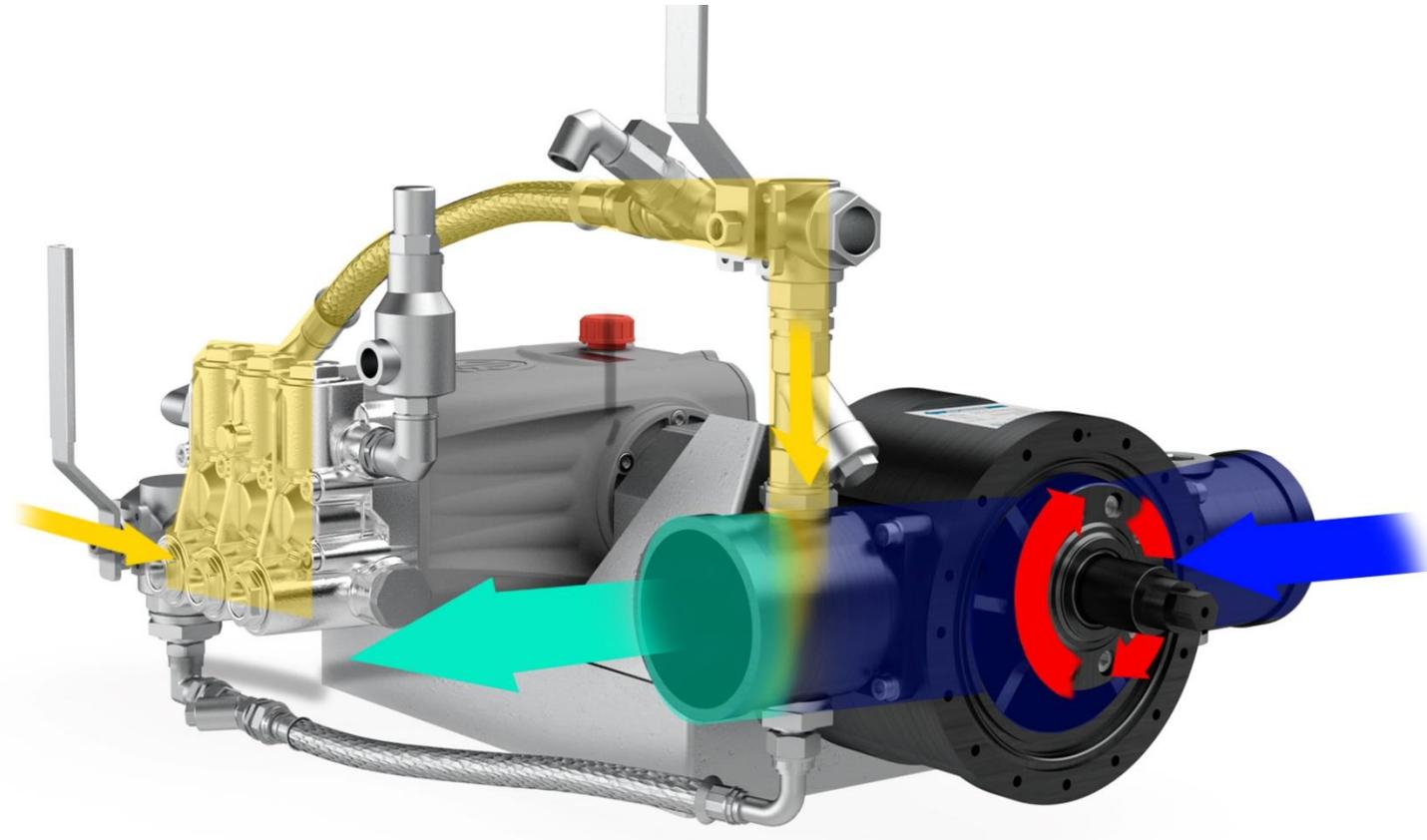


With FIREMIKS, firefighters get a flexible system, easy to adapt to different firefighting situations. You can use several nozzles at the same time, quickly open and close them (pulsating), and place them at different distances and heights from FIREMIKS.

WORKING PRINCIPLE

UNIQUE WATER MOTOR

- Special designed volumetric multi-vane water motor gives smooth rotation and wide volumetric function. This generates an axial rotation, transferred to the dosing pump over the direct drive coupling.



TWO ALTERNATIVE DESIGNS



With handle and bottom bracket



With sturdy surrounding frame

UNITS EQUIPPED WITH PISTON PUMP



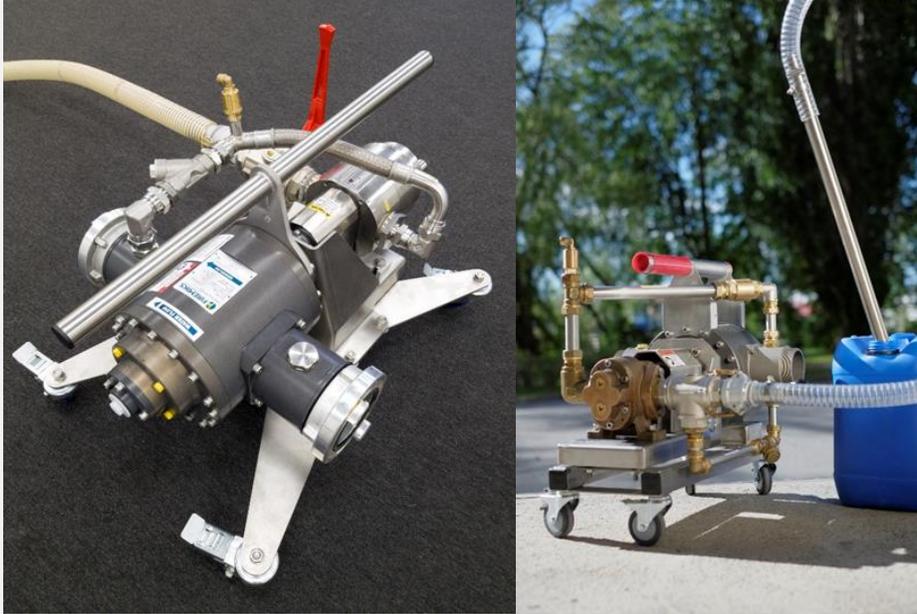
Mobile Piston pump models are suitable when one or several of the following parameters are required:

- Use with low up to medium viscosity concentrates
- Easy selection of different dosing rates
- Low start up flow.

Flow sizes from smallest size max flow of 180 lpm up to largest size 2400 lpm, For fixed dosing rates 1%, 2% or 3% or for selectable dosing rates, e.g. 0,3-0,6-1%, 1-2-3% or 0,5-1-3%

Piston Pumps (-PP) is a reciprocating pump and perform at their best at low to medium viscosities due to the Piston pump principle; for each revolution, the plunger sucks concentrate and then presses it out - the concentrate goes from zero to full speed twice per revolution.

UNITS EQUIPPED WITH GEAR PUMP



Mobile Gear pump models are suitable when one or several of the following parameters are required:

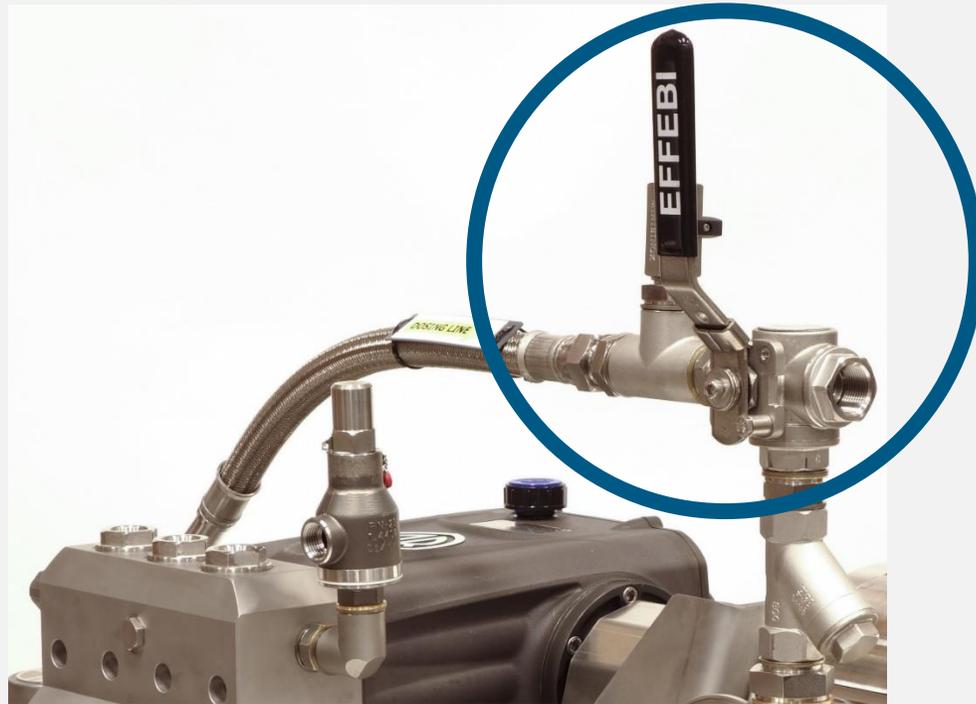
- Use with high - up to very high - viscosity concentrates
- Simple sturdy pump with minimum maintenance
- One fixed dosing rate
- Particularly suited to be used at the higher end of a unit's flow rate

Smallest model max flow 800 lpm – largest 2400 lpm with 3% fixed dosing rate.
(Fixed 1%, 2% or 6% is available at request).

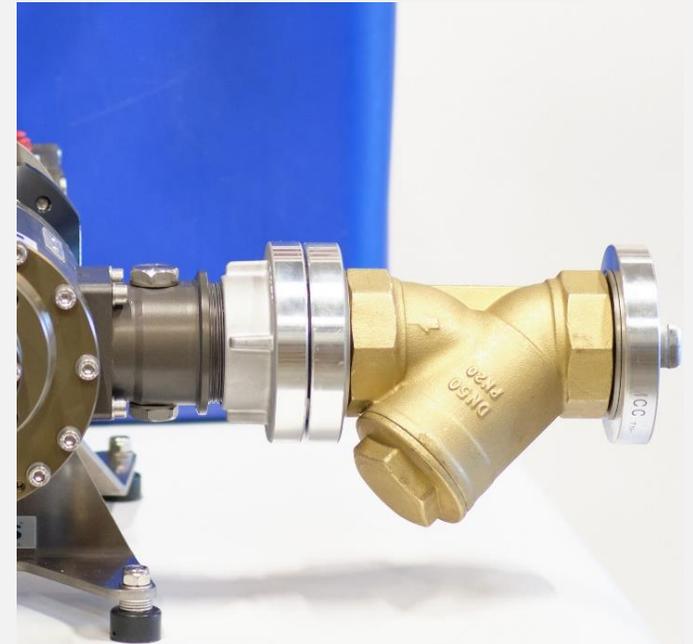


A gear pump uses internal gears to grab the concentrate. The advantages of using gear pumps are that flow is not pulsating, and the pump "grip" very well both high and very high viscosity concentrates.

DOSING RETURN VALVE (DRV)



With the option Dosing return valve (DRV) it is possible to practice and test dosing rate without consuming the concentrate. This feature gives substantial savings over many years with no cost for cleaning or destruction of the solution after the test. A Pressure relief valve (PRV) is included to avoid the risk for overpressure if the return line is closed when DRV is open.



All Mobile models are equipped as standard with water strainer on water motor inlet.

SOME REFERENCES



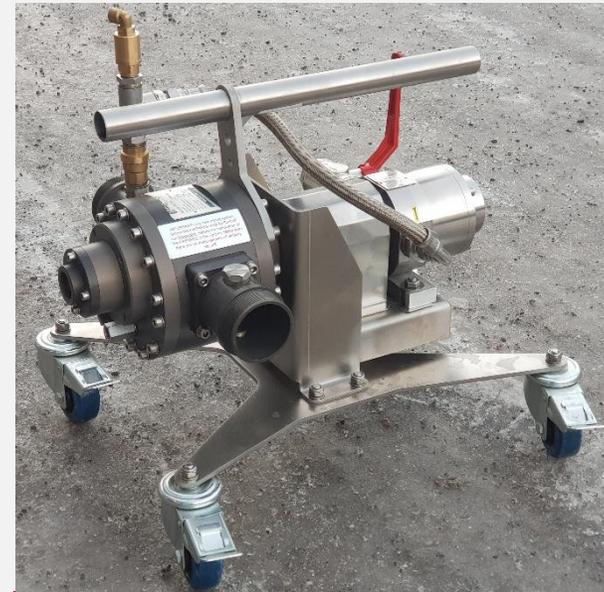
Portugal, Lisbon Fire brigade

FIREMIKS 800-1-2-3-PP-M



Italy, Fire brigade

FIREMIKS 450-0,3-0,6-1-PP-M
Semi-fixed installed in truck



Finland, Fire brigade

FIREMIKS 800-3-GP-M

FOREST/BUSH FIRE FIGHTING



FIREMIKS is a handy and effective mobile proportioning system when fighting forest/bush fires with low dosing rates (for example 0,3% or 0,5%) of additives proportioned from long distances. A great advantage when the terrain is hilly, and the distance is long from the main pump to the fire area.

WORKS WITH ALL COMMON NOZZLES



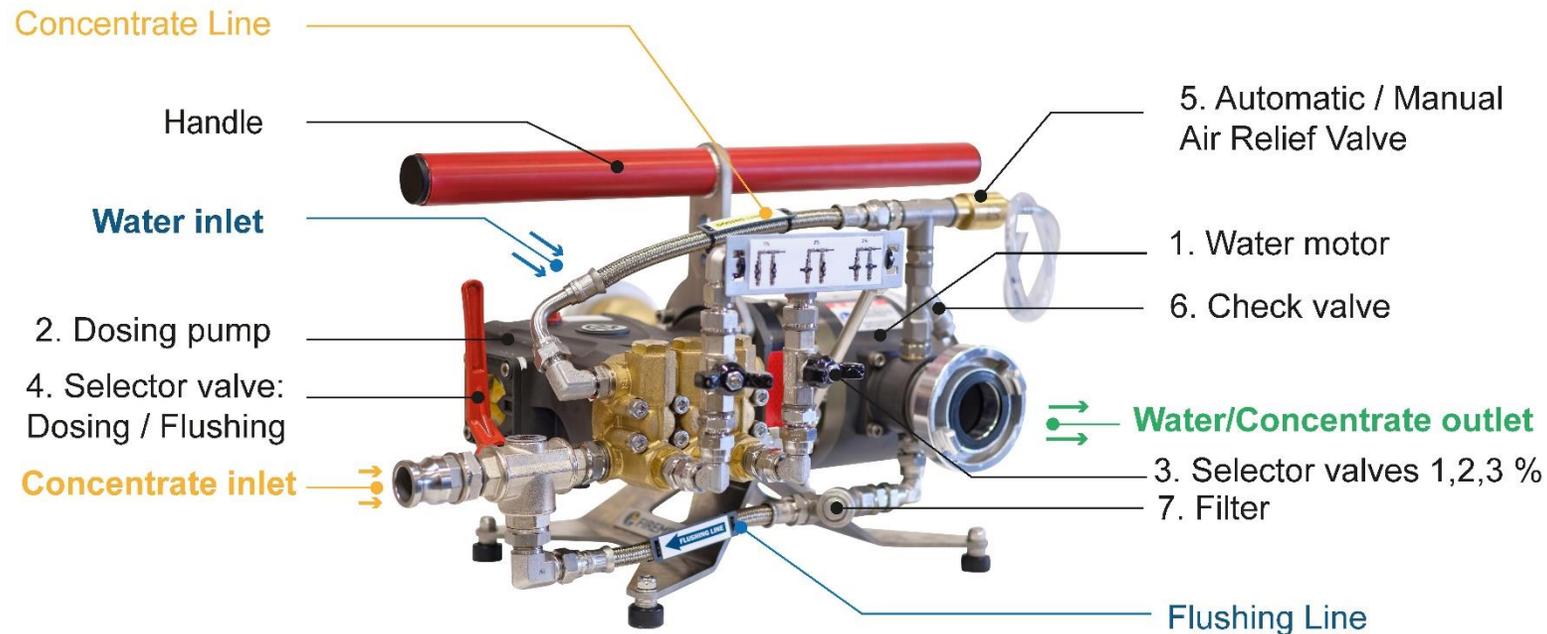
Mobile FIREMIKS works with all common types of nozzles, among others:
Low-Ex, Medium-Ex and High-Ex nozzles, spray nozzles, foam monitors.
Just adjust the pressure on the water pump to fit the set pressure on each nozzle.

ADVANTAGES COMPARED TO INDUCTORS



| IN-LINE INDUCTOR | FIREMIKS® |
|---|--|
| <p>Dosing is made by pressure loss. The unit works normally only properly at a certain flow and a certain pressure. For example 400 Lpm at 5 Bar.</p> | <p>Dosing is made by the energy of water flow. The unit works within a wide pressure and flow range. For example 75 – 450 Lpm and 2 –16 Bar.</p> |
| <p>Always high pressure losses, normally around 35-40 %. For example inlet pressure 8 Bar, outlet pressure 5 Bar = 3 Bar pressure loss.</p> | <p>Lower pressure losses compared with Inductor. Normally 0,3 – 2 bar (From min to max flow). This gives longer throw length of foam.</p> |
| <p>You will need one inductor for every foam nozzle. Limited length of hoses to the nozzles.</p> | <p>One FIREMIKS® can provide several foam nozzles (also different types and at different levels) at the same time, with the correctly dosed water/additive solution. Unlimited length of the hoses to the nozzles.</p> |

FIREMIKS 450-1-2-3-PP-M-ALU



With a Mobile FIREMIKS you get a foam proportioner easy to understand how to use in a challenging fire fighting situation. Just connect it to the water flow hoses and put the separate suction pipe in a foam drum and start the fire-fighting!



**Thank you for your attention!
For more info, visit**

www.firemiks.com