

Fixed installation version



Portable version



# AUTOMATIC DOSING SYSTEM **LEADER MIX AB 1000**

## Automatic & autonomous Class A and B additive dosing system:

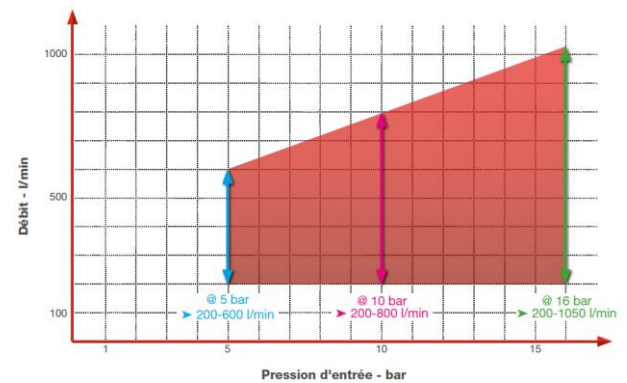
- An economical compromise between conventional venturi injectors and electronic dosing systems: the LEADER MIX AB 1000 has a wide range of flow rates and requires almost no maintenance.
- Autonomous: 100% mechanical, it does not require any power supply

## Wide range of waterflow:

- Remplace 3 injecteurs classiques (200, 400 et 800)
- Large plage de débit 200-1050 l/min
- Large plage de pression d'utilisation 5-16 bar
- Précision de dosage conforme à la norme EN16712

## Cost effective:

- Consommation réduite d'additif
- Réglage précis de la concentration de l'émulseur : 0.3% - 0.5% - 1% - 3% - 3%V et 6%
- S'adapte automatiquement au débit sélectionné à la lance



## Two versions available:

- Fixed: Embedded in a vehicle or integrated into a fixed foam extinguishing system
- Portable: On the ground, in line, by firefighters

## Creates suction every time!

- Instant injection of foam concentrates even during Pulsing.
- Fully functional starting at 5 bars
- Unaffected by flow rate variations
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## Additional field benefits...

- 1% and 3%V positions calibrated for viscous foam concentrates type AR (Alcohol Resistant)
- Water position ("no foam concentrate injection" position): Below 800 l/min, it generates less pressure losses in the water position than traditional venturi injectors: only 0.8 bar pressure loss at 500 l/min
- Rinsing position available
- Remote control panel:
  - To display the pressure at the LEADER MIX inlet
  - To select the Water or Foam positions
  - To rinse the system at the end of the operation
- Very low, easy and convenient maintenance



As part of our policy of research and improvement of our equipment, we reserve the right to modify the characteristics at any time without prior notice.

## CHARACTERISTICS

LEADER MIX AB 1000	Portable	Fixed
Reference	140.90.110	140.90.112
Type of foam concentrate	Class A & B	
Flow range	200 to 1000 l/min from 0.3 to 3% 200 to 500 l/min at 6%	
Pressure range	5 to 16 bars	
Proportioning rates	0.3%, 0.5%, 1%, 3%, 3% V et 6%	
Inlet & outlet couplings	Swivel couplings	
Inlet & outlet threads	2.5" BSP female	
Storage temperature	-20°C to +60°C	
Operating temperature	Above freezing to +50°C	
Pressure loss	Min. 35%	
Pressure gauge	Yes	On the panel
Weight	14.25 kg	12.6 kg + 3.5 kg (panel)
Dimensions L x H x P	486 x 250 x 274 mm	
Suction hose	Hose equipped with a diving rod - L2.5m / 1" Storz D	-
Inlet foam concentrate supply	1" Storz D quick coupling	1" BSP M
Non-return valve on foam inlet		Yes

## ASSEMBLY EXAMPLE

Embedded in a vehicle, inside a side trunk.



Portable version

## OPTIONS - ACCESSORIES

Standardized with the fixed version:

Remote control panel:

- Dimensions : 30 x 20cm
  - Only 8 cm in thickness inside the truck
  - Easy and convenient linking to the LEADER MIX
- MIX



Option :

Hoses to link LEADER MIX to remote control panel:

- Ref. 2009117.
- 8mm diameter
- 22 bar Maximum
- Black color

Note: 6 lines needed between LEADER MIX and panel (pressure gauge, flush valve...)

## COUT DE POSSESSION REDUIT

Very low maintenance due to the very robust design and materials used.

Warranty: 2 years

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