



AUTOMATIC DOSING SYSTEM

LEADER MIX 80-500

AUTOMATIC & AUTONOMOUS INDUCTOR:

- Reliable: 100% mechanical design (no electronic)
- Efficient: wide range of flow rates and injection ratios available
- Innovative concept: Ideal compromise between conventional venturi inductors and electronic dosing systems
- Easy set up and affordable: does not require expensive electric power supply



LARGE RANGE OF USE:

- Wide range of flow rates from 80 to 500 gpm (max 275gpm at 6%)
- Wide operating pressure range from 70 to 230 psi

REDUCED CONSUMPTION OF INJECTED FOAM CONCENTRATE

- Accurate metering of foam concentrates from 0.3% to 6%
- A 1% and 3%V position: specially calibrated for viscous foam compound (Alcohol resistant type)
- Adapts itself automatically to the selected flow rate at the nozzle

CREATE SUCTION EVERY TIME FOAM IS REQUIRED!

- Instant injection of foam concentrate even during Pulsing
- Works even below 70psi Independent of flow rate variations

BY-PASS POSITION

- Water position (reduce pressure losses and stop the concentrate injection depending on water flow)
- On By-Pass position: only 7 psi loss at 275 gpm

REMOTE CONTROL PANEL:

- To show the inlet pressure of LEADER MIX
- To set the bypass button position on water or Foam
- To rinse the device



As part of our policy of constant research to improve our products, we reserve the right to modify our products' characteristics at any time without notice

TECHNICAL CHARACTERISTICS:

LEADER MIX 300 - 2000	
Reference	140.90.200
Operating flow rate	80 - 500 gpm
Operating pressure	70 to 275 psi
Proportioning rates	0.3%, 0.5%, 1%, 3%, 3%V, 6%* <small>* at 6% limited flow range of 80 to 500 gpm</small>
Inlet and outlet couplings	Swivel coupling
Inlet and outlet threads	4" BSP female or 4" NPT female
Storage temperature	-20°C to +60°C
Operating temperature	Above freezing to +50°C
Pressure loss	Max 40%
Pressure gauge	On inlet (can be plug on the outlet if specified)
Weight	24 kg for LEADER MIX + 3,5 kg for control panel
Dimensions L x H x W	520 x 265 x 330 mm
Input foam concentrate supply	1.5" BSP female
Non-return valve on foam inlet	Yes
Flush position	on control panel

OPERATING RANGE

Average flow range depending of inlet pressure

- @ 87 psi: 80 – 420 gpm
- @ 145 psi 80 – 500 gpm
- @ 174 psi: 80 – 580 lpm

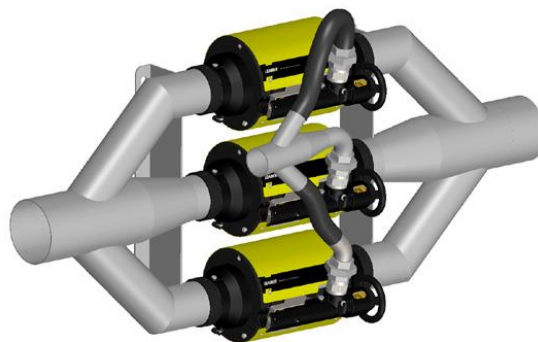
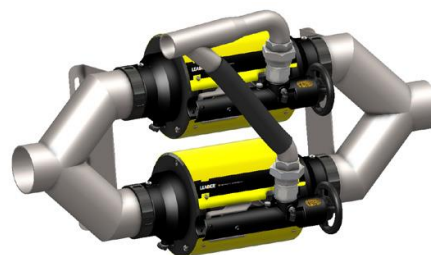
NEED A WIDER FLOW RANGE?

Up to 1000 gpm:

2 x LEADER MIX 80 - 500 gpm in parallel to reach
a flow range of 150 to 500 gpm

Up to 1500 gpm:

3 x LEADER MIX 80 - 500 in parallel to reach
a flow range of 230 to 1500 gpm



REMOTE CONTROL PANEL:

- Dimensions: 30 x 20cm and only 8cm in thickness inside the truck
- Easy to link to the LEADER MIX thanks to 8mm pneumatic hose (sold by length 30m)
- Pneumatic hose (ref. 2009779)
 - o optional (sold by 30m)
 - o 22 bar maximum
 - o Black
 - o 6 connections are required between the console and the body of the LEADER MIX (Pressure gauge, Flush, by-pass...)

REDUCED COST OF OWNERSHIP:

Very light maintenance requirement due to the design and materials used.

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