

## LEADER Mix 200 - 1000

AUTOMATIC SYSTEM FOR PROPORTIONING ALL TYPES OF FOAM CONCENTRATES FROM 0.3% TO 6%

### AUTOMATIC & AUTONOMOUS EDUCTOR :

- ▶ **Ideal compromise between conventional venturi eductors and traditional automatic systems** because of the wide range of flow rates and injection ratios available
- ▶ **Autonomous:** Does not require power supply
- ▶ **Reduced maintenance** due to the simple mechanical design
- ▶ **Readiness** for newtonian and pseudoplastic concentrates
- ▶ **Compatible** with A and B class foam concentrates

### LARGE RANGE OF USE:

- ▶ Replaces 3 conventional eductors (200, 400 and 800)
- ▶ Wide range of flow rates from 200 to 1050 l/min
- ▶ Wide operating pressure range from 5 to 16 bar
- ▶ Metering accuracy meets EN16712 standard

### REDUCED CONSUMPTION OF INJECTED FOAM CONCENTRATE

- ▶ **Accurate metering** of foam concentrates from 0.3% to 6%
- ▶ **Adapts itself automatically** to the selected flow rate at the nozzle

### CREATE SUCTION EVERY TIME FOAM IS DESIRED !

- ▶ Instant injection of foam concentrate
- ▶ Works even below 10 bar
- ▶ Independent of flow rate variations

### 2 VERSIONS AVAILABLE:

- ▶ **Fire vehicles** or **fixed foam extinguishing systems**
- ▶ **Ground applications** (hose lay)

### PRESSURE LOSS LIMITED IN WATER POSITION !

- ▶ Below 800 l/min, it generates less pressure losses in the water position than traditional venturi injectors

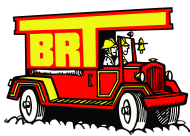
### ADDITIONAL FIELD BENEFITS...

- ▶ Water position ("no foam concentrate injection" position) : Only 0.8 bar pressure loss at 500 l/min
- ▶ Inlet pressure gauge
- ▶ Simple push button flush valve

### KEY POINTS

- ▶ Reliable and accurate
- ▶ Produces foam every time
- ▶ Wide range of flow rates
- ▶ Efficient foam use
- ▶ Compact
- ▶ Reduced maintenance (no electronics)

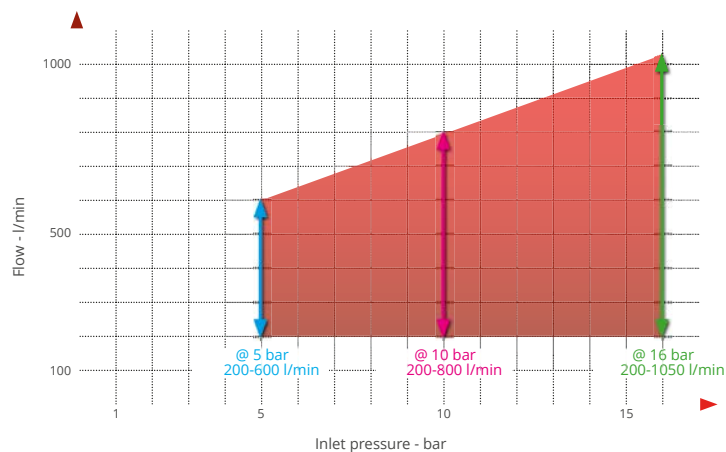


**TECHNICAL CHARACTERISTICS :**

Model LEADER Mix 200 - 1000	Portable version	Vehicle version
Reference	I40.90.000	I40.90.002
Operating flow rate	200 to 1050 l/min	
Operating pressure	5 to 16 bar	
Proportioning rates	0.3%, 0.5%, 1%, 3%, 6%	
Inlet and outlet couplings	Swivel coupling	
Inlet and outlet threads	64mm female	
Storage temperature	-20°C to +60°C	
Operating temperature	Above freezing to +50°C	
Pressure loss	35%	
Pressure gauge at inlet	Yes	
Weight	14 kg	13.6 kg
Dimensions L x H x W	478 x 224 x 264 mm	478 x 222 x 263 mm
Carrying handle	Yes	No
Suction wand	Suction hose with a pick up tube - L2.5m / 25mm Storz	No
Input foam concentrate supply	D Storz quick connection	25mm BSP female
Non-return valve on foam inlet	Yes	Yes
Flush button	Yes	No

**OPERATING RANGE**

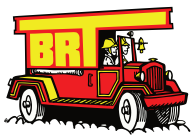
3 examples

**OPTIONS :**

Couplings	On request
Flanges	On request

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





## LEADER Mix 200 - 1000 Configurations:

### SINGLE NOZZLE LAYOUT :

- ▶ Maximum flow rate between 200 - 1000 lpm  
e.g. 150 + 475 lpm and 475 + 475 lpm



### DUAL NOZZLE LAYOUT :

- ▶ Maximum flow rate between 200 - 1000 lpm  
e.g. 230 + 475 lpm and 475 + 475 lpm



### SINGLE MONITOR LAYOUT :

- ▶ Maximum flow rate between 200 - 1000 lpm  
e.g. between 200 - 1000 lpm
- ▶ Ground or Fixed Monitor



### DUAL MONITOR LAYOUT :

- ▶ Maximum flow rate between 200 - 1000 lpm  
e.g. combined flow rates between 200 - 1000 lpm
- ▶ Ground or Fixed Monitor

