

### Medium Expansion Bund Foam Pourer

Bund Pourers are designed for fire protection systems and vapour suppression on banded or diked areas surrounding flammable liquid or toxic chemical storage tanks.

They are also suited for other applications requiring large volumes of free flowing foam e.g. process areas, warehousing and storage protection.

Storage Tank bund or dike fires, because of their large surface area, are notoriously difficult to control and extinguish. Spillages in these banded areas are common and have caused several major tank fires.

Significant quantities of un-ignited fuel can spread rapidly from leaking valves, flanges, cracked pipes, overfill relief systems, boil-over's and even routine maintenance, within the banded area, threatening personnel and plant safety. Serious incident escalation results from ignition of these flammable vapours.

The most efficient and cost effective way of controlling these risks is with a permanently installed Medium Expansion Bund Pourer system. The high performance Bund Pourer has been specifically designed to effectively extinguish fires and control vapours in such high-risk areas.

The units are designed to flow at low pressures, ideally around 1.3 to 3.5 bars. This removes the cost of large bore pipe work & pumping requirements.

MX pourers allow for delivery of large volumes of thoroughly mixed foam solution, thus providing rapid coverage over large areas. Gentle application at low pressures also removes the possibility of contamination and fuel pick up.

#### *Technical Data*

Size	Dia	Length	Inlet	K Factor	Ops –Press Bar	Flow L / Min	Expansion Ratio
MX 650	320	620	50 BSP	385	1.3 – 3.5	650	45:1
MX 900	380	620	65 BSP	575	1.3 – 3.5	900	45:1
MX 1250	450	955	80 BSP	760	1.3 – 3.5	1250	45:1
MX 1850	550	980	80 BSP	1140	1.3 – 3.5	1850	45:1
MX 2050	685	1050	100 BSP	2050	1.3 – 3.5	2550	45:1

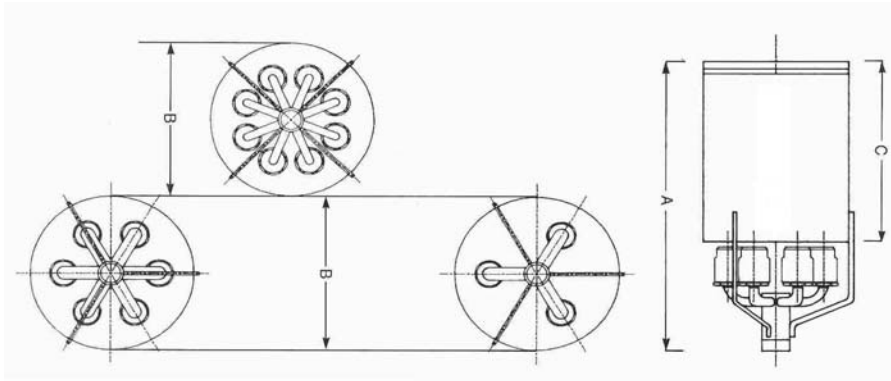
#### *Materials*

Barrel	S/ Steel
Nozzles	Brass
Pipe work	S/Steel
Fixings	S/Steel
Expansion sieve	S/Steel

Data Sheet : MX Bund Foam Pourer	Medium Expansion Bund Foam Pourer
Ref : MX 650 – 2250      2006 / 05	
<b>UnQondo Projects – Fire Protection Specialists</b> <b>Fomtec – Sweden Fire fighting Foams &amp; Hardware</b>	Unit 08 - Cranberry Industrial Park
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**MEDIUM EXPANSION BUND FOAM POURER**



**Technical Data**

Size	Dia "B"	Length "C"	Inlet	K Factor	Ops -Press Bar	Flow L / Min	Expansion Ratio
MX 650	320	620	50 BSP	385	1.3 – 3.5	650	45:1
MX 900	380	620	65 BSP	575	1.3 – 2.5	900	45:1
MX 1250	450	955	80 BSP	760	1.3 – 3.5	1250	45:1
MX 1850	550	980	80 BSP	1140	1.3 – 3.5	1850	45:1
MX 2050	685	1050	100 BSP	2050	1.3 – 3.5	2550	45:1

*\*Optimum Operating Pressure 2.85 bar. g*

**Materials**

Barrel	S/ Steel
Nozzles	Brass
Pipe work	S/Steel
Fixings	S/Steel
Expansion sieve	S/Steel

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