

foam generation - mf140 mobile

MF 140 Mobile Foam Unit

Rugged and professional, a unit designed for fast, one-man operation – ideal for the protection of oil storage and loading terminals, paint and solvent stores, boiler rooms, ships' engine rooms, helipads, oil rigs and similar high risk locations. If fitted with a Macron medium expansion (MX) branchpipe, the MF140 can be used to suppress vapours from flammable and toxic liquid spills.

Standard Equipment

- IND 50 Variable Foam Inductor 200 lpm.
- LX 50 Low Expansion Foam Branchpipe 200 lpm.
- Two Viking fire hoses 15m x 45mm with instantaneous connectors.

features

- ▶ One man operation
- ▶ Large diameter fill cap
- ▶ Suitable for all types of foams
- ▶ Maintenance free solid rubber wheels
- ▶ Corrosion resistant body, painted steel frame
- ▶ 140 litre capacity chemically-resistant polyethylene tank
- ▶ Marine version available



Technical Data Table

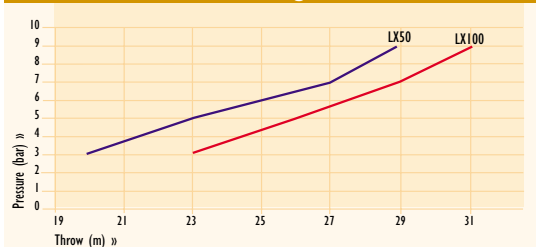
	LX50	LX100	LX50	LX100
Operating pressure	5 bar	5 bar	7 bar	7 bar
Nozzle flow	200 lpm	400 lpm	235 lpm	490 lpm
Expansion rate approx.	15:1	15:1	15:1	15:1
Throw approx.	23m	26m	27m	29m
Quantity of foam/min. approx.	3m ³	6m ³	3.5m ³	7m ³
Coupling thread	2" BSP male	2" BSP male	2" BSP male	2" BSP male
Length	600mm	600mm	600mm	600mm
Diameter	70mm	70mm	70mm	70mm
Weight approx.	3.2kg	3.2kg	3.2kg	3.2kg
Running time at 3% induction	23min	11.5min	23min	11.5min

Shipping Specification

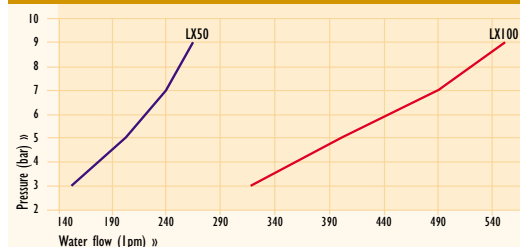
Size	1400x1000x800mm
Net weight	65kg
Gross weight	85kg



Pressure Versus Throw Range



Pressure Versus Flowrate



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Alternative Fittings

Any Macron LX and MX with matched inductors can be fitted to the MF140. Alternatively, water spray branches can be supplied for use with film forming foam concentrates. International hose couplings made to customers requirements are available.

Marine version includes gunmetal inductors, stainless steel branchpipe and chassis.

Performance

The performance of the MF140 is governed by the foam making branchpipe. The figures in the chart to the right reflect Macron's LX range of low expansion foam branchpipes. See Macron's Medium Expansion Foam Branchpipe (Data Sheet 19) for relevant medium expansion data.

