

FOAM GENERATOR SYSTEM

FOAM GENERATION DIRECT AT THE LOCATION OF THE FIRE



The FlexiFoam system is ideal for operations when rooms have to be flooded or greater areas have to be covered with foam.

The foam generation takes place directly at the location of the fire. Compared to conventional foam generators, there is no inefficient and self-destructive transport of ready foam to the fire area. In addition the FlexiFoam can operate directly in areas filled with smoke. The system is not using the ambient air, clean air for the foam generation is fed through ducts by the power blower. Smoke will not affect the foam quality.

Once placed at the scene of fire there is no more personnel in the dangerous area needed for operation. Even when the FlexiFoam is completely covered with foam it produces continuously foam and protects itself from the flames.

MEDIUM AND HIGH EXPANSION FOAM FROM A TURNTABLE LADDER

The foam is generated directly on the platform. The fresh air and the extinguishing agent are fed through hose lines placed on the ladder. Thereby it is possible to produce foam in greater heights or smoke-filled areas and flood the scene of fire directly from above.

- « SELF-SUFFICIENT FLOODING OF AREAS
- « FAST AND EASY IN OPERATION
- « EXTINGUISHES FIRE FAST AND POWERFULLY

The FlexiFoam is connected with ventilation hoses (Ø 500 mm) to the power blower. The adaption to the power blower is done by a suitable duct reducer. The ventilation hoses are available in two temperature resistance classes. The grey spiral coiled hoses are temperature resistant up to 180°C and due to the inside cooling with fresh air allow the operation near the scene of the fire. The water foam-agent mixture is supplied

through standard fire hoses and existing premix systems.

CONTINUOUS ADJUSTABLE EXPANSION RATIO

The air output of the power blower can be controlled by the engine / motor speed and thus the expansion ratio can be adjusted continuously.



	M-L 2	M-L 4	M-L 4/8
Flow rate [7 bar]	200 l/min	400 l/min	400 / 800 l/min
Foam expansion ratio	100 – 500	80 – 300	50 – 300
Foam generation	20 – 100 m ³ /min	30 – 120 m ³ /min	30 – 160 m ³ /min
Coupling	Storz C	Storz B	Storz B
Diameter generator shell	490 mm	490 mm	490 mm
Dimensions	505 x 590 x 520 mm	550 x 590 x 520 mm	550 x 590 x 520 mm
Weight	16.5 kg	17 kg	21 kg
Accessory kit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Standard accessory kit includes: 1 x 5 m ventilation hose Ø 500mm grey resistant up to 180°C, 1 x 5 m ventilation hose Ø 500mm yellow 80°C, 1 x hose reducer fitting the power blower and 2 coupling bands. To extend the system additional hoses in 5 m and 10 m length are available.

- UNDERGROUND
- BASEMENTS
- WAREHOUSES
- WASTE BUNKERS
- SILOS
- TANK FARMS
- TYRE STORAGE
- WASTE SITES

