

FOAM GENERATOR SYSTEM

FOAM GENERATION DIRECT AT THE SCENE OF THE FIRE

FLEXIFOAM



SELF-SUFFICIENT FLOODING FAST EXTINGUISHING

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

The foam generation takes place directly at the location of the fire. Compared to conventional foam generators, the impractical, self-destructive transport of finished foam to the fire area is no longer necessary. In addition, the FlexiFoam can operate directly in areas filled with smoke. It is not using the ambient air, fresh air is feeded through a hose line by the high-performance fan. Smoke will not affect the foam quality.

Once positioned at the scene of fire, the FlexiFoam can be operated in the danger zone without personnel. Even if it is completely covered with foam, it continues to produce foam and thus 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 water foam-agent mixture are fed through hose lines placed on the ladder. Thereby it is possible to produce foam in greater heights or in smoke-filled areas and flood the scene of fire directly from above.

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The FlexiFoam is connected to a high performance fan or a Mobile Grand Ventilator with ventilation hoses. The connection is made via a suitable duct reducer. In addition to the standard version, the gray ventilation hoses are temperature-resistant up to 180 ° C and can be used close to the fire site due to the internal cooling by the fresh air. The water foam-agent mixture is supplied via a conventional hose line and existing premix systems.

CONTINUOUS ADJUSTABLE EXPANSION RATIO

The air supply and thus the foaming rate can be continuously regulated via the speed of the fan. If there is little air supply, a flowable medium expansion foam is created to cover large areas. With a high air supply, a lightweight high expansion foam is produced that can fill entire rooms up to the ceiling in a very short time.



	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 or country-specific	Storz B or country-specific	Storz B or country-specific
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

Standard accessory kit includes: 1 x 5m ventilation hose Ø 500 mm (180° C), 1 x 5m ventilation hose Ø 500 mm (80° C), 1 x hose reducer und 1 x coupling band. To extend the system additional hoses in 5 m and 10 m length are available.