

# POLY MOBILE SL75-100

On a transport frame



## Description

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The CAFS extinguishing system built on a transport frame is the perfect extinguishing system for emergency vehicles that are unable to access the scene due to narrow alleys, heavy traffic, or impassable terrain. In practical use, the POLY MOBILE SL75-100 impresses above all through its powerful CAFS firefighting equipment as well as its unique functionality and, in combination with numerous available options, it can also be customized for your operation-specific requirements.

## Benefits

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### Independent system

- works entirely independent from external energy sources and technical systems and is therefore always reliably and permanently ready for action

### User-friendly start-up

- easy and fast start-up by turning the compressed air bottle valve and actuating the CAFS nozzle

### Wide range of applications

- suitable for direct fire fighting of solid and liquid fires as well as for preventative protection of objects at risk of fire

### Easy to use

- simple extinguishing procedure that saves extinguishing agent due to the CAF sticking to the flammable object and evaporating on the hot surface

### Large action radius

- large safety distance between the user and the flammable object as well as fighting of fires in inaccessible areas

### Excellent extinguishing performance

- rapid extinguishing success as well as excellent burnback safety thanks to the thorough and highly efficient mode of action of the CAFS
- minimal fire damage through immediate suppression of flames as well as low water damage through complete evaporation of the water bound in the CAF foam
- large extinguishing agent capacity with equal water volume due to active foam expansion

### One-off maintenance

- can be operated with environmentally-friendly, fluorine-free foam compounds due to the separate foam compound cartridge
- especially easy to repair by separate filling of the extinguishing agent tank as well as the separate foam compound cartridge without having to account for mixing ratios
- extremely low maintenance costs due to the separate foam compound cartridge, which allows for longer extinguishing agent intervals compared to ready-to-use water-foam compound mixtures

# POLY MOBILE SL75-100

On a transport frame



Supply (optional)



In emergency vehicle



In mobile use

## Technical data

Model	POLY MOBILE SL75	POLY MOBILE SL100
Transport frame	EN 14466	
Nominal fill quantity	75 l (19,8 gal)	100 l (26,4 gal)
Operational duration	approx. 204 s	approx. 272 s
Weight	<ul style="list-style-type: none"><li>filled = approx. 163 kg (359,4 lbs)</li><li>unfilled = approx. 88 kg (194,0 lbs)</li></ul>	<ul style="list-style-type: none"><li>filled = approx. 206 kg (456,4 lbs)</li><li>unfilled = approx. 106 kg (233,7 lbs)</li></ul>
Dimensions	L x W x H = appx. 800 x 760 x 675 mm (31,5 x 29,9 x 26,6 inch)	L x W x H = appx. 1.260 x 760 x 675 mm (49,6 x 29,9 x 26,6 inch)
Foam proportioning	continuous at approx. 1 %	
Expansion ratio <sup>2</sup>	approx. 8 for wet CAF foam	
Flow rate	approx. 22 l/min (5,8 gal/min) at 7 bar (101,5 psi)	
Compressed air bottle	6 l / 300 bar (1,6 gal / 4351,1 psi)	
Throw range / Throw height	approx. 16 m (52 ft) / approx. 10 m (32 ft)	
Hose	manual NOHA hose reel with FORMTEX special textil hose DN 19 x 40 m (131 ft)	
Nozzle	<ul style="list-style-type: none"><li>CAFS nozzle RD 9 with fixed solid jet</li><li>CAFS nozzle Select Flow RB 99 EN with adjustable spray jet</li></ul>	
Foam compound <sup>1</sup>	<ul style="list-style-type: none"><li>STHAMEX -class A</li><li>Fomtec AFFF 1% F</li><li>Fomtec AB -30 NE</li></ul>	
Operating temperature <sup>2</sup>	- 20 °C ( - 4 °F ) bis + 50 °C ( + 122 °F )	

<sup>1</sup> Test was performed with these foam compounds (Use of other foam compounds is possible)

<sup>2</sup> Depending on foam compound used

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