

FIXMIX 2.0

Around-the-pump foam proportioning system



Description

The FIXMIX 2.0 is an automatic around-the-pump foam proportioning system. It is specially designed for the N65/ N80 pump series and can be fully integrated in these pumps.

The system is available as a mechanically controlled or electronically regulated system with mechanically pre-control.

3 proportioning rates are possible at the mechanical version. The electrical version FIXMIX 2.0 E can also be ordered with stepless adjustment. This system is mainly used for municipal trucks, as well as airport – and industrial trucks.

Benefits

Adjusted to the N65/ N80 pump series

- integrated into the pump
- mechanical system, mounted directly on the pump
- easy to operate

FIXMIX 2.0 A: Automatic system

- amount of foam concentrate adjusts automatically to the water flow - constant proportioning rate over the whole working range of the pump
- automatic controlled system

FIXMIX 2.0 E: Electronical regulated system

- adjusts automatically to viscosity of the foam concentrate
- regulated system
- mechanically pre-controlled for fast response time
- option: stepless foam proportioning rate adjustm. possible
- option: display of water– and foam flows possible

Maintenance-free

- wear-free
- due to robust mechanics

High foam performance

- due to around-the-pump foam proportioning system, foam on all outlets of the N65/N80 pump series available
- optimal suitable for turret operation

High foam concentrate suction performance

Minimum pressure loss

Different proportioning rates can be chosen

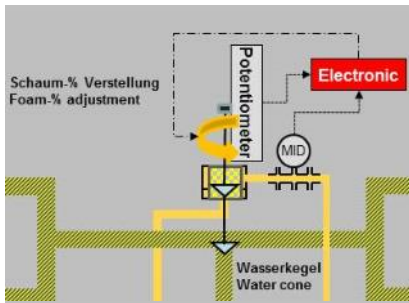
- It can be switch between 3 different proportioning rates during operation
- stepless adustment possible with electrical system (FIXMIX 2.0 E)

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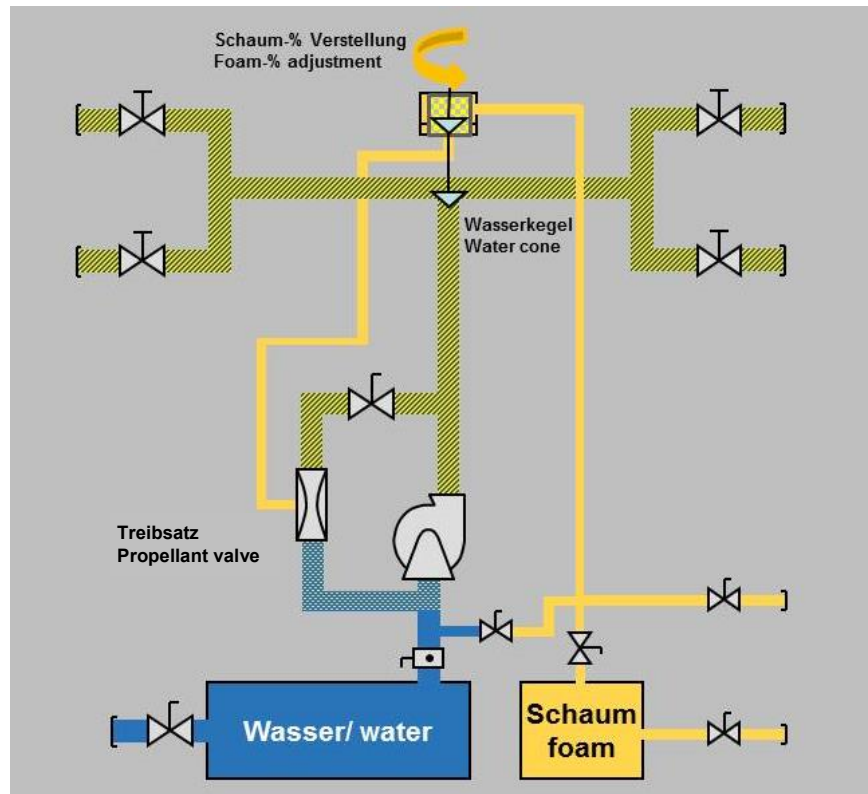
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FIXMIX 2.0 mounted on N80 pump



Schemata of FIXMIX 2.0 E - electronic regulated version



Schemata of FIXMIX 2.0 A - mechanical, automatic controlled version

Technical Data

Design	automatic around-the-pump foam proportioning system
Water flow range	N80: 100 - 8.000 lpm (26 - 2.110 USgpm) N65: 100 - 6.500 lpm (26 - 1.715 USgpm)
Foam concentrate flow range	5 to 500 lpm (1.3 to 130 USgpm)
Proportioning rates FIXMIX 2.0 A	3 rates to choose (choice of: 0.5%; 1%; 3%; 6% or 8%)
Proportioning rates FIXMIX 2.0 E	3 rates to choose (choice of: 0.5%; 1%; 3%; 6% or 8%) or stepless adjustment from 0.5 to 8%
Water flow measurement	with mechanical water cone
Dosing	<ul style="list-style-type: none"> FIXMIX 2.0 A: fully automatic, mechanical controlled system (with the foam dosing bushing) FIXMIX 2.0 E: electronic regulated, mechanical pre-controlled system (additional water flow measurement (via potention-meter) and foam flow meter (via magnetic inductive system))
Accuracy	< 500 lpm (130 USgpm): 0 to +50%, >500 lpm: 0 to +30%, 1%-point absolute
Materials	housing in pump material (light alloy or gunmetal), water cone made of plastics, foam adjustment of brass, stainless steel
Usability	for foam concentrate up to a viscosity of 60 cSt (higher viscose foam concentrates on request)

NP: Normal pressure; HP: High pressure; FC: foam concentrate

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