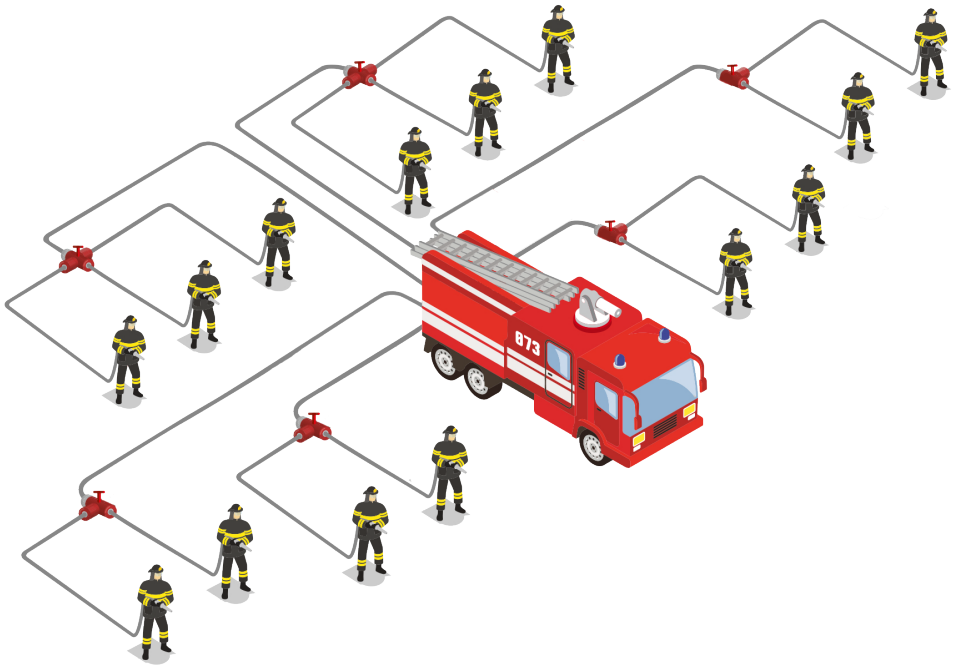
OS-14400-022-B

ONE SEVEN PTO-DRIVEN SYSTEM SERIES

one seven® PREMIUM



- **Up to 14,400 l/min foam volume**
- **Operation of up to six 3.0˝ discharge outlets**
- **Simultaneous operation of up to fourteen 1.5˝ nozzles**

DESCRIPTION

The OS-14400-022-B is the most powerful One Seven system for installation in municipal and industrial fire tankers with PTO and water pump.

Equipped with two 2.0˝ and two 3.0˝ One Seven compact foam generators a One Seven foam volume of up to 14,400 l/min can be produced. The maximum flow rate of water or wetting agent is 6,000 l/min.

Several outlet variants are available which can be configured individually according to customers´ needs.

ONE SEVEN SYSTEM ADVANTAGES

- Flexible „all-in-one system" for One Seven compressed air foam, wetting agent or water
- Start of the whole system by just one touch of a button
- Fully automated system, no manual action required
- Permanent flow and pressure control, automated adjustment if necessary
- Always constant, optimum One Seven foam quality due to automated adjustment of the mixing ratio
- Highest functional reliability due to permanent monitoring of all electrical components and parameters, automated emergency programs for continuous operation
- Serial possibility of remote access for fast service

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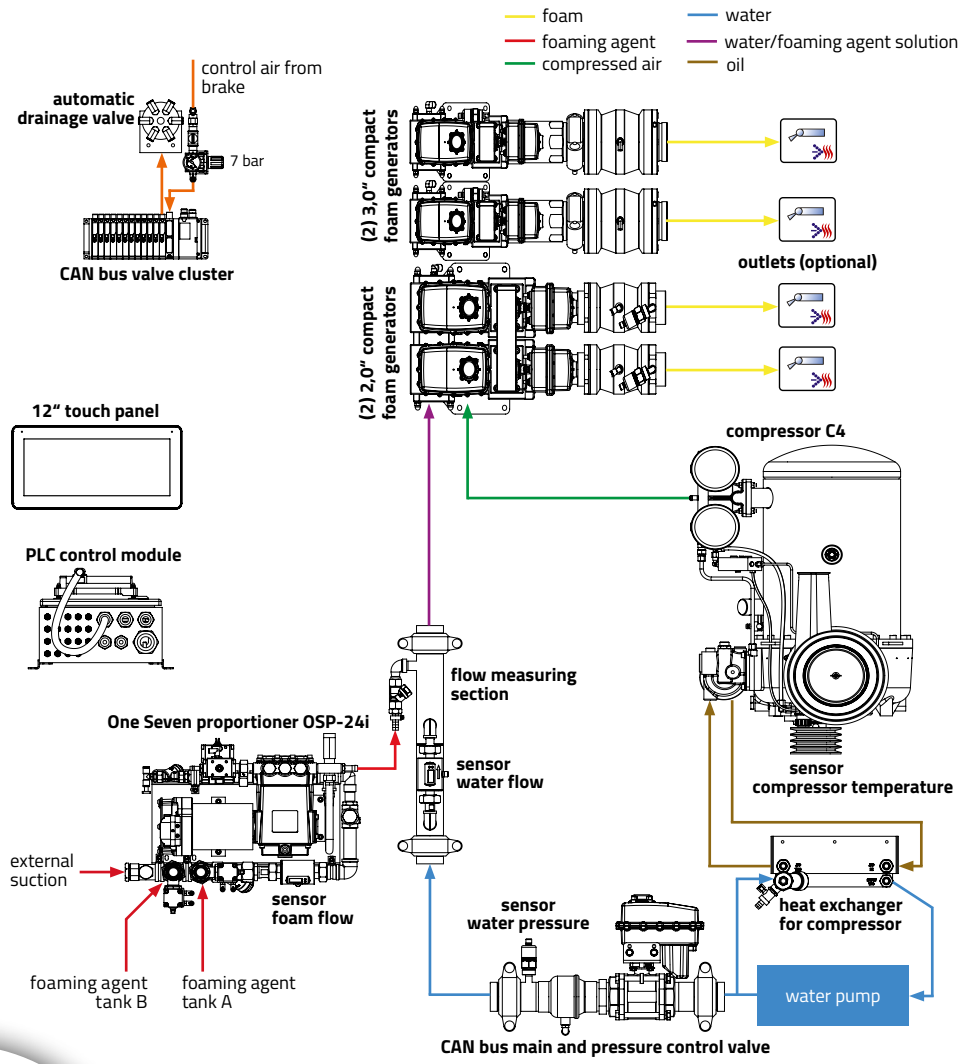

ONE SEVEN SYSTEM

Standard	DLS 3600/10800 acc. EN 16327, ISO/DIS 7076-6
Foam capacity	Max. 14,400 l/min
Expansion ratio	Approx. 7 (wet foam), approx. 20 (dry foam)
Working pressure	8 bar

SYSTEM CONFIGURATION

Foam generators	(2) 2.0˝ + (2) 3.0˝ One Seven Compact Foam Generators
Water flow	Wet foam (water:air = 1:3): up to 3,600 l/min Wet foam (water:air = 1:6): up to 1,800 l/min Water/wetting agent: up to 6,000 l/min
Outlet options	▪ Switchover for hose reel, monitor, front or back spraybar ▪ Outlet manifold for simultaneous operation of up to (14) 1.5˝ outlets and up to (6) 3.0˝ outlets

PROPORTIONING SYSTEM

Standard	EN 16327 - PPPS 2400/0.1-1.0
Drive	Electric brushless synchronous motor 1 kW, CAN bus controlled, variable speed
Pumpe	Plunger pump
Water sensor	Magnetic-inductive flow meter
Foaming agent sensor	Magnetic-inductive flow meter
Performance	0.3 ... 24 l/min at 10 bar
Working pressure	Max. 16 bar
Proportioning rate	0.1 ... 9.9 %, steplessly adjustable

COMPRESSED AIR SUPPLY

Source	OS C4 (R20) industrial rotary screw compressor
Drive	Belt drive / hydraulic drive
Power consumption	Max. 75 kW
Performance	10,800 l/min at maximum pump speed 10,000 l/min at nominal pump speed
Working pressure	8 bar
Cooling	Water cooling

one seven®
PREMIUM

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