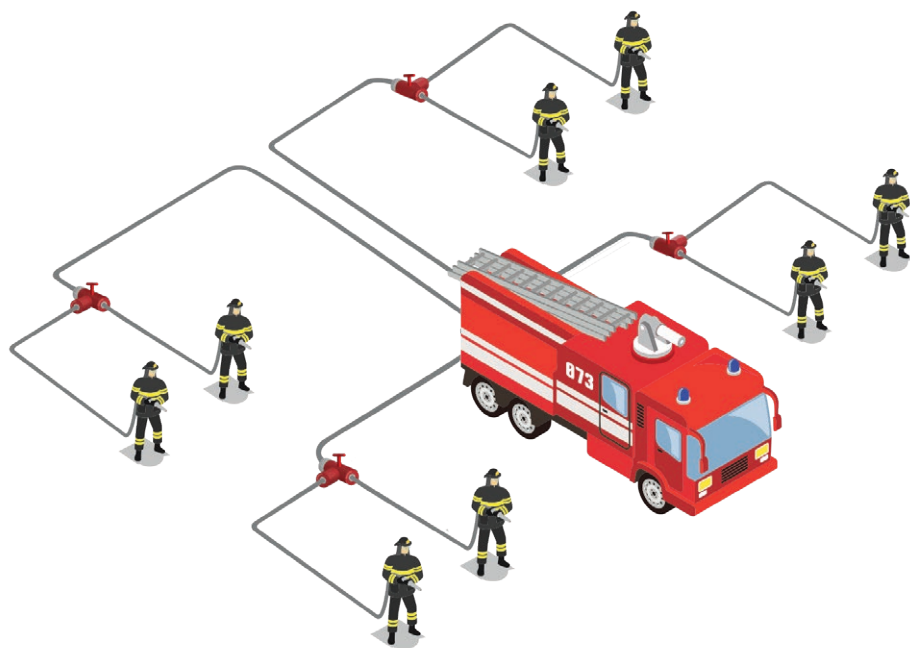




OS-8400-101-B

ONE SEVEN PTO-DRIVEN SYSTEM SERIES



- **Up to 8,400 l/min foam flow**
- **Operation of up to four 3.0" discharge outlets**
- **Simultaneous operation of up to eight 1.5" nozzles**

DESCRIPTION

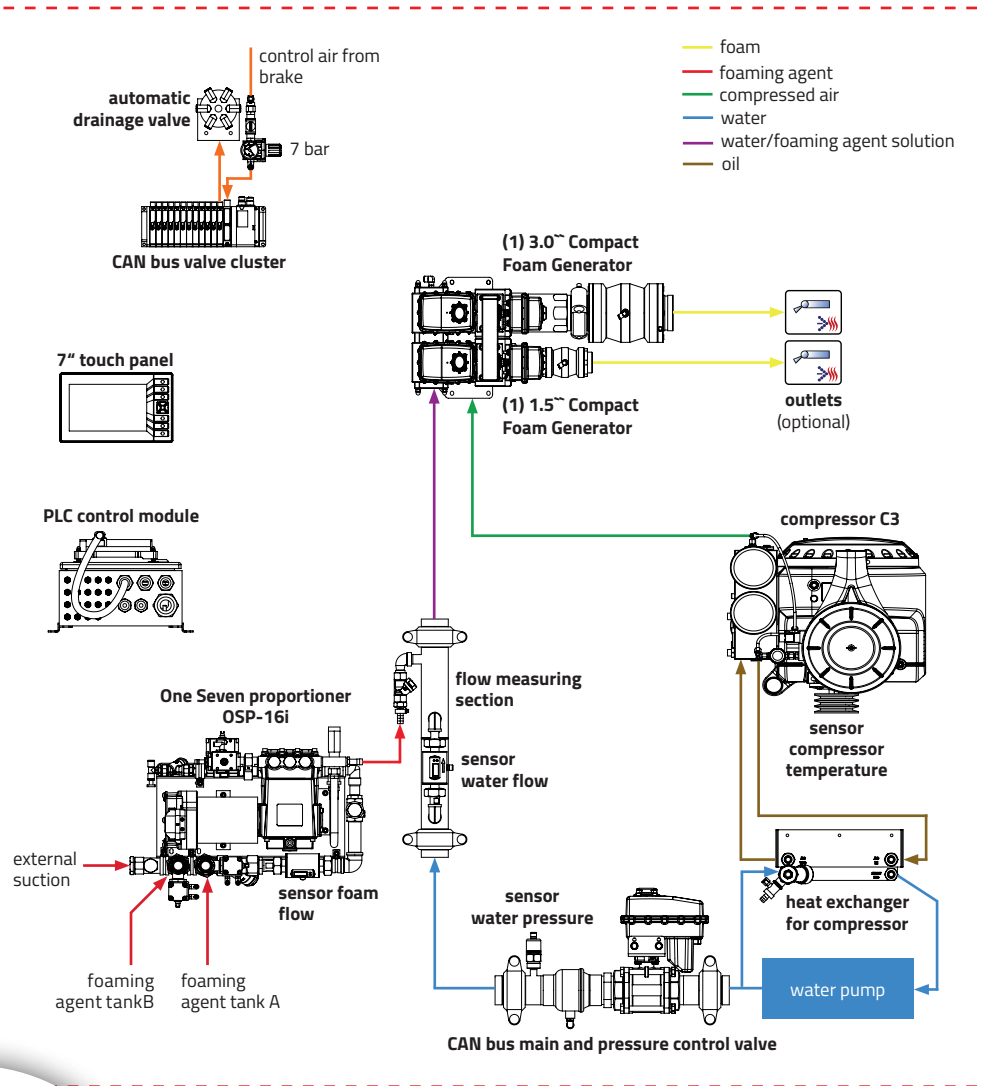
The OS-8400-101-B is a powerful One Seven system for installation in municipal and industrial fire engines with PTO and water pump.

The system is equipped with one 1.5" and one 3.0" One Seven compact foam generator as well as a 7,800 l/min compressor. This allows the system to produce up to 8,400 l/min of One Seven compressed air foam. The flow rate of water/wetting agent is up to 2,400 l/min. The independently operating foam generators make it possible to discharge wet and dry foam simultaneously.

Various outlet variants are available which can be configured according to customers' individual requirements.

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



ONE SEVEN SYSTEM

| | |
|-------------------------|---|
| Standard | DLS 1400/4200 acc. EN 16327, ISO/DIS 7076-6 |
| Foam capacity | Max. 8,400 l/min |
| Expansion ratio | Approx. 7 (wet foam), approx. 20 (dry foam) |
| Working pressure | 8 bar |

SYSTEM CONFIGURATION

| | |
|-----------------------|---|
| Foam generator | (1) 1.5" + (1) 3.0" One Seven Compact Foam Generator (CFG) |
| Water flow | Wet foam (water:air = 1:3): up to 1.500 l/min Wet foam (water:air = 1:6): up to 1.200 l/min Water/wetting agent: up to 2.400 l/min |
| Outlet options | <ul style="list-style-type: none"> Switchover for hose reel, monitor, front or back spray bar Outlet manifold for simultaneous operation of up to (8) 1.5" outlets and up to (4) 3.0" outlets |

PROPORTIONING SYSTEM

| | |
|-----------------------------|---|
| Standard | EN 16327 - DZA 1600/0,1 - 1 |
| Drive | Electric brushless synchronous motor 1 kW, CAN bus controlled, variable speed |
| Pump | Plunger pump |
| Water sensor | Magnetic-inductive flow meter |
| Foaming agent sensor | Magnetic-inductive flow meter |
| Performance | 0.2 ... 16 l/min at 10 bar |
| Working pressure | Max. 16 bar |
| Proportioning rate | 0.1 ... 9.9 %, steplessly adjustable |

COMPRESSED AIR SUPPLY

| | |
|--------------------------|--|
| Source | OS C3 (R9) industrial rotary screw compressor |
| Drive | Belt drive / hydraulic drive |
| Power consumption | Max. 54 kW |
| Performance | 7,900 l/min at maximum pump speed 6,000 l/min at nominal pump speed |
| Working pressure | 8 bar |
| Cooling | Water cooling |



Schmitz One Seven GmbH

Am Honigberg 31 | 14943 Luckenwalde | Germany

Phone: +49 3371 6913-0

Fax: +49 3371 6913-99

E-mail: info@oneseven.com

www.oneseven.com

