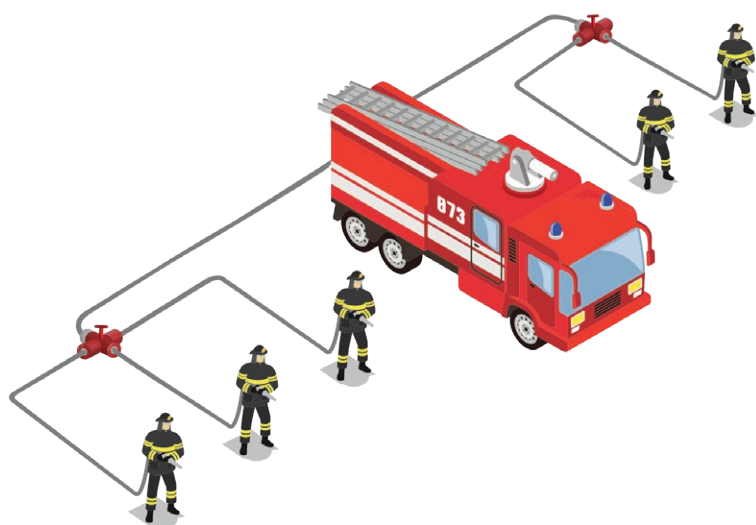




OS-5500-001-B

ONE SEVEN PTO-DRIVEN SYSTEM SERIES



- **Up to 5.500 l/min foam flow**
- **Operation of up to two 3.0" discharge outlets**
- **Simultaneous operation of up to five 1.5" nozzles**

DESCRIPTION

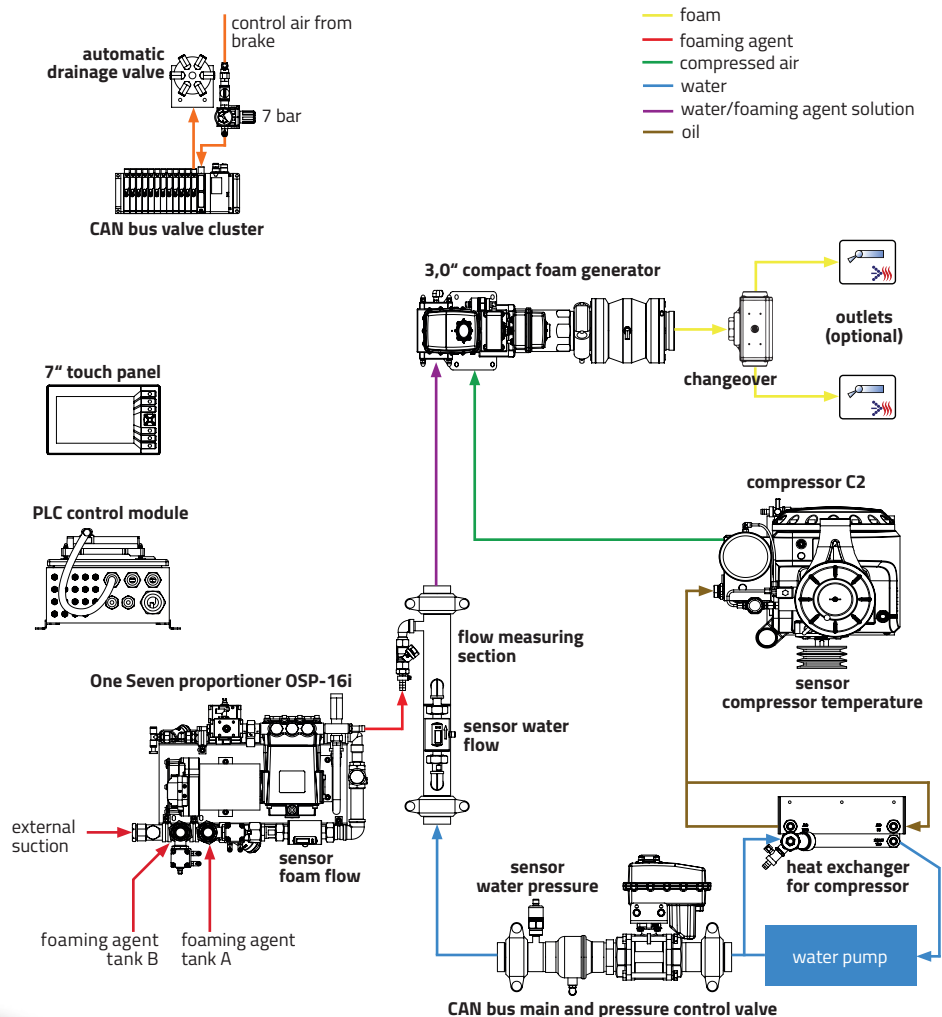
The OS-5500-001-B is a One Seven system for installation in powerful firefighting engines. It is powered by the vehicle's PTO.

The OS-5500-001-B is equipped with a 4,800 l/min compressor and one 3.0" One Seven compact foam generator (for comparison: OS-5500-020-B: 2x2.0" CFG). The system can produce a One Seven foam volume of up to 5,500 l/min. The maximum delivery rate of water or wetting agent is 2,000 l/min.

Several outlet variants are available which can be configured 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



ONE SEVEN SYSTEM

Standard	DLS 1200/3600 acc. EN 16327, ISO/DIS 7076-6
Foam capacity	Max. 5,500 l/min
Expansion ratio	Approx. 7 (wet foam), approx. 20 (dry foam)
Working pressure	8 bar

SYSTEM CONFIGURATION

Foam generator	(1) 3.0" One Seven Compact Foam Generator (CFG)
Water flow	Wet foam (water:air = 1:3): up to 1,200 l/min Wet foam (water:air = 1:6): up to 1,000 l/min Water/wetting agent: up to 2,000 l/min
Optionally available	<ul style="list-style-type: none"> Switchover for hose reel, monitor, front or back spray bar Outlet manifold for simultaneous operation of up to (5) 1.5" outlets and up to (2) 3.0" outlets

FOAM 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 C2 (R6) industrial rotary screw compressor
Drive	Belt drive / hydraulic drive
Power consumption	Max. 37 kW
Performance	4,800 l/min at maximum pump speed 3,600 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

