



# OS-2700-200-B

ONE SEVEN PTO-DRIVEN SYSTEM SERIES



- **Up to 2,700 l/min foam flow**
- **Operation of two 1.5" discharge outlets**
- **Simultaneous operation of up to two 1.5" nozzles**

## DESCRIPTION

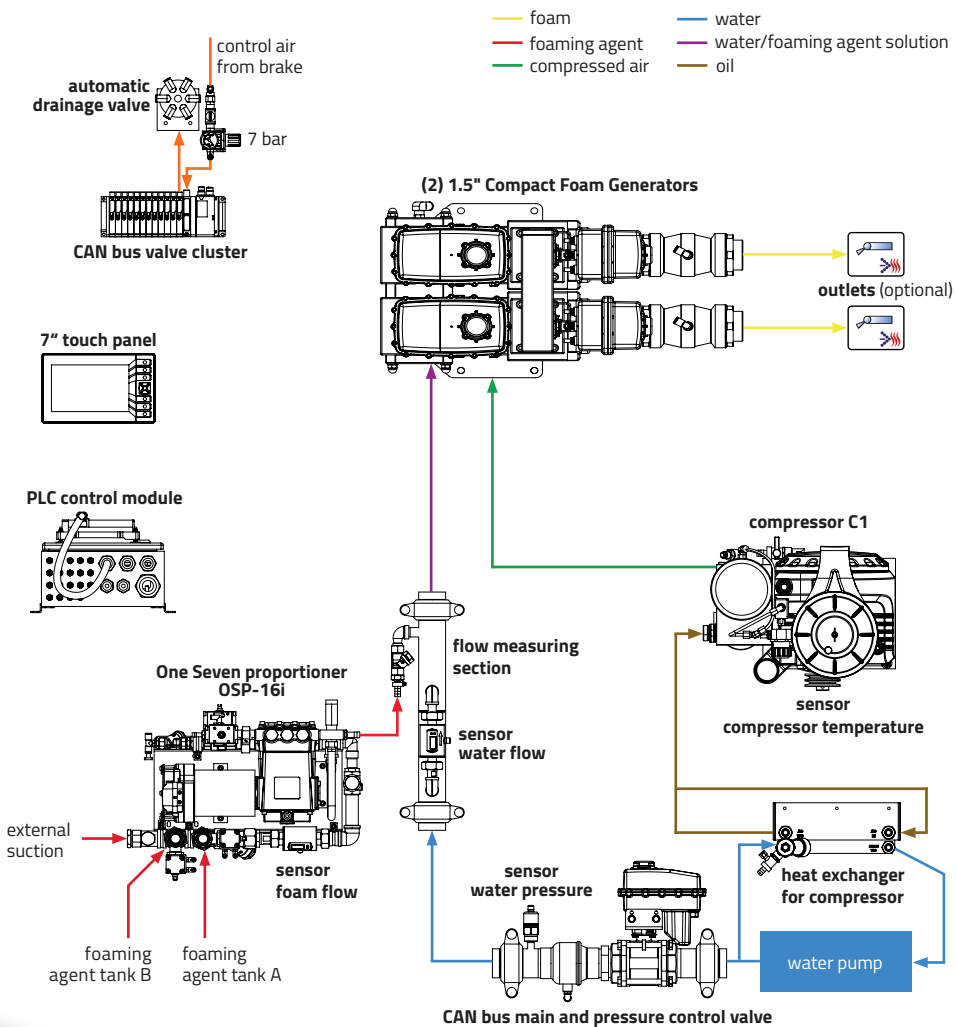
The OS-2700-200-B is a medium sized One Seven system designed for installation in primarily municipal fire trucks with PTO and water pump.

The maximum delivered One Seven foam volume is 2,700 l/min, the maximum flow rate of water/wetting agent is 800 l/min. By using two independently operating 1.5" One Seven Compact Foam Generators (CFG) wet and dry foam can be produced in parallel (for comparison: OS-2700-010-B = 1 x 2.0" CFG).

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

<b>Standard</b>	DLS 600/1800 acc. EN 16327, ISO/DIS 7076-6
<b>Foam capacity</b>	Max. 2,700 l/min
<b>Expansion ratio</b>	Approx. 7 (wet foam), approx. 20 (dry foam)
<b>Working pressure</b>	8 bar

## SYSTEM CONFIGURATION

<b>Foam generator</b>	(2) 1,5" One Seven Compact Foam Generators
<b>Water flow</b>	Wet foam (water:air = 1:3): up to 600 l/min Wet foam (water:air = 1:6): up to 400 l/min Water/wetting agent: up to 800 l/min
<b>Optionally available</b>	<ul style="list-style-type: none"> <li>Switchover for hose reel, monitor, front or back spray bar</li> <li>Outlet manifold for simultaneous operation of up to (2) 1,5" outlets</li> </ul>

## PROPORTIONING SYSTEM

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

## COMPRESSED AIR SUPPLY

<b>Source</b>	OS C1 (R3) industrial rotary screw compressor
<b>Drive</b>	Belt drive / hydraulic drive
<b>Power consumption</b>	Max. 19 kW
<b>Performance</b>	2,300 l/min at maximum pump speed 1,800 l/min at nominal pump speed
<b>Working pressure</b>	8 bar
<b>Cooling</b>	Water cooling



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