

OS-900-TPlus-Diesel

SELF-CONTAINED SYSTEM FOR INSTALLATION IN PICK-UPS



DESCRIPTION

The OS-900-TPlus-Diesel is the technical advancement of the OS-900-T system. It is a self-contained One Seven system which can be installed in any vehicle which does not have a PTO to operate an extinguishing system itself. The compact dimensions and low weight make the OS-900-Tplus ideal for installation in vans, on pick-ups, on trailers or even on speedboats.

ONE SEVEN SYSTEM ADVANTAGES

- Flexible „all-in-one system“ for One Seven compressed air foam, wetting agent or water
- Always the same premium and most effective One Seven foam due to automated component regulation
- Unmatched ease of use due to one-button-control
- Flow and pressure monitoring and automatic adjustment
- Long operating times due to low foam concentrate and low water consumption

ONE SEVEN COMPRESSED AIR FOAM ADVANTAGES

- Maximum separation, cooling and covering effect due to always constant, particularly dense and homogeneous bubble structure
- Maximum isolation effect due to excellent adhesion to objects, walls and ceilings
- Large throwing distances and thus higher safety for firefighting forces
- Large delivery lengths and heights with normal pressure pumps and compressors
- High mobility of nozzle operators due to hose lines filled with particularly light foam

ONE SEVEN SYSTEM

Dimensions (mm)	<ul style="list-style-type: none">▪ Width: 1,040▪ Depth: 720▪ Height: 800
Weight	Approx. 300 kg
Foam capacity	Max. 900 l/min
Expansion rate	Approx. 7 (wet foam)
Working pressure	8 bar
Foam generator	(1) 1.5" One Seven foam generators
Water flow	<ul style="list-style-type: none">▪ Wet foam: up to 130 l/min▪ Water/water-foam-solution: up to 150 l/min
Connections	<ul style="list-style-type: none">▪ (1) 1.5" suction inlet▪ (1) hose connection for foaming agent supply▪ (1) 1.5" combined outlet for foam, water-foam-solution or water

FOAM PROPORTIONING SYSTEM

Drive	Water-hydraulically driven
Pump	Proportional dosing pump
Performance	0.02 ... 3.0 l/min at 8 bar
Working pressure	Max. 8 bar
Proportioning rate	0.2 ... 2.0 %, steplessly adjustable

COMPRESSED AIR SUPPLY

Source	OS C0 (R1) industrial screw compressor
Drive	Belt drive
Power consumption	Max. 6 kW
Capacity	780 l/min at 8 bar
Working pressure	Nom. 8 bar
Cooling	Water cooling

ENGINE

Type	Twin Diesel engine
Performance	17 kW (23 HP)
Torque max.	48 Nm at 2,500 rpm
Speed control	Manual, self-regulating
Starter	Electric, 12 V
Cooling	Air cooling
Fuel tank	External fuel canister (fuel consumption 5 l/h at full load)

WATER SUPPLY

Type	Single stage cast iron centrifugal pump
Performance	350 l/min at 8 bar
Priming system	Automatic, ejector pump
Pump pressure	Outlet pressure max. 12 bar Inlet pressure max. 3 bar

OPTIONS

- Switchover for hose reel
- Skid unit-module inkl. water tank and hose reel
- Fuel pump with connection to vehicle fuel tank



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