

OS-1800-Tplus

ONE SEVEN SELF-CONTAINED SYSTEM



DESCRIPTION

The OS-1800-Tplus is a powerful, self-contained One Seven system which can be installed in almost any type of vehicle. Its dimensions and moderate weight make the OS-1800-Tplus ideal for installation in RIVs, in vans, on pick-ups, on trailers or on boats.

The OS-1800-Tplus is an all-in-one system which can be used with compressed air foam, water-foam-concentrate mixture or just water as an extinguishing agent. The system is controlled in the tried-and-tested manner via pushbuttons with self-explanatory standard labeling.

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 safe, self-explanatory operation
- Flow and pressure monitoring and automatic adjustment
- Long self-sufficient operating times due to low foam concentrate and low water consumption

ONE SEVEN COMPRESSED AIR FOAM ADVANTAGES

- Maximum extinguishing effect due to optimum foam consistency and consistent foam quality
- Large throwing distances and thus higher safety for firefighters
- 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)	L x W x H = 1,200 x 800 x 900
Weight	Approx. 320 kg
Foam capacity	Max. 1,800 l/min
Expansion ratio	Approx. 7 (wet foam), approx. 20 (dry foam)
Working pressure	8 bar
Foam generator	(1) 2.0" One Seven Compact Foam Generator
Water flow	Wet foam: up to 260 l/min Water/water-foam-solution: up to 350 l/min
Connections	<ul style="list-style-type: none">▪ (1) 1.5" suction inlet for water supply▪ (2) hose connections for foaming agent▪ (1) 2.0" combined outlet for One Seven compressed air foam, water-foam-solution or water

PROPORTIONING SYSTEM

Drive	Water-hydraulically driven
Pumps	(2) proportional dosing pumps
Performance	0.02 ... 6.0 l/min at 8 bar
Working pressure	Max. 8 bar
Proportioning rate	Each pump 0.2 ... 2.0 %, steplessly adjustable

COMPRESSED AIR SUPPLY

Source	OS C1 (R2) industrial scrow compressor
Drive	Belt drive / hydraulic drive
Capacity	1,500 l/min at 8 bar
Working pressure	Nom. 8 bar
Cooling	Water cooling

ENGINE

Type	EFI gasoline engine
Performance	29 kW (40 HP)
Speed control	Automatic, self-regulating
Starter	Electric, 12 V
Cooling	Air cooling
Tank	External fuel canister

WATER PUMP

Type	Single stage cast iron centrifugal pump
Capacity	350 l/min at 8 bar
Priming system	Automatic, ejector pump

OPTIONS

- Changeover valve for hose reel
- Skid unit module incl. water tank and hose reel



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