OS-800-Tplus

ONE SEVEN SELF-CONTAINED SYSTEM

one seven®
PREMIUM

DESCRIPTION

The OS-800-Tplus is the technical advancement of the proven OS-800-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-800-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

V3.1_2025-04-01

ONE SEVEN SYSTEM

Dimensions (mm)	L x W x H = 1,030 x 650 x 800
Weight	Approx. 195 kg
Foam capacity	Max. 800 l/min (2 x 400 l/min)
Expansion rate	Approx. 7 (wet foam)
Working pressure	8 bar
Foam generator	(2) 1.0˝ One Seven compact foam generators
Water flow	Wet foam: up to 100 l/min (2 x 50 l/min) Water/water-foam-solution: up to 110 l/min (2 x 55 l/min)
Connections	▪ (1) 1.5 ˝ suction inlet for water supply ▪ (1) hose connection for foaming agent supply ▪ (2) 1.0˝ combined outlets for One Seven compressed air foam, water-foam-solution or water

FOAM PROPORTIONING SYSTEM

Drive	Water-hydraulically driven
Pump	Proportional dosing pump
Performance	0.02 ... 2.2 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	EFI gasoline engine
Performance	17.2 kW (23 HP)
Torque max.	48 Nm at 3,600 rpm
Speed control	Manual, self-regulating
Starter	Electric, 12 V
Cooling	Air cooling
Fuel tank	External fuel canister (fuel consumption 6 l/h at full load)

WATER PUMP

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

OPTIONS

- (2) changeover valves for hose reels
- Skid unit module incl. water tank and hose reels

one seven®
PREMIUM

One Seven Premium CAFS GmbH

Am Honigberg 31 | 14943 Luckenwalde | Germany
Phone: +49 33 71 69 13-0 | Fax: +49 33 71 69 13-99 | E-mail: info@oneseven.com

www.oneseven.com