

OS-900-TeC

ONE SEVEN SELF-CONTAINED SYSTEM



DESCRIPTION

The OS-900-TeC is a stand-alone One Seven system powered by a gasoline engine. Its compact design and low weight enable a wide range of applications, both in new vehicles and for retrofitting. It is predestined for installation in vans, on pick-ups, on trailer platforms or on speedboats.

ONE SEVEN SYSTEM ADVANTAGES

- Flexible all-in-one system for One Seven compressed air foam, wetting-agent or just water
- Always the same premium class, most effective One Seven foam by automated component regulation
- Unrivalled ease of operation due to one-button control
- Flow and pressure monitoring and automatic adjustment without need of actions by operator
- Flexible system installation due to freely selectable positioning of the control panel
- Long operating times due to low foam concentrate and water consumption

ONE SEVEN COMPRESSED AIR FOAM ADVANTAGES

- Maximum cooling, separation and covering effect due to always constant, particularly dense and homogeneous bubble structure
- Maximum insulation 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)	L x W x H = 1,030 x 650 x 800
Weight	Approx. 220 kg
Foam capacity	Max. 900 l/min
Expansion rate	Approx. 7 (wet foam), approx. 20 (dry foam)
Working pressure	8 bar
Foam generator	(1) 1.5" One Seven mini foam generator
Water flow	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) 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 ... 2.6 l/min at 8 bar
Working pressure	Max. 8 bar
Proportioning rate	0.2 ... 2.0 %, steplessly adjustable

COMPRESSED AIR SUPPLY

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

ENGINE

Type	EFI gasoline engine
Performance	17.2 kW (23 HP)
Torque max.	48 Nm at 3,600 RPM
Starter	Electric, 12 V
Speed control	Automatic, self-regulating
Cooling	Air cooling
Fuel tank	External fuel canister (fuel consumption 6 l/h at full load)

WATER PUMP

Type	Single stage stainless steel 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
- Separate 18-liter aluminum fuel tank
- Fuel pump with connection to vehicle fuel tank
- Internal 12V battery with connection to the internal alternator
- Second control panel for driver's cabin



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P R E M I U M

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