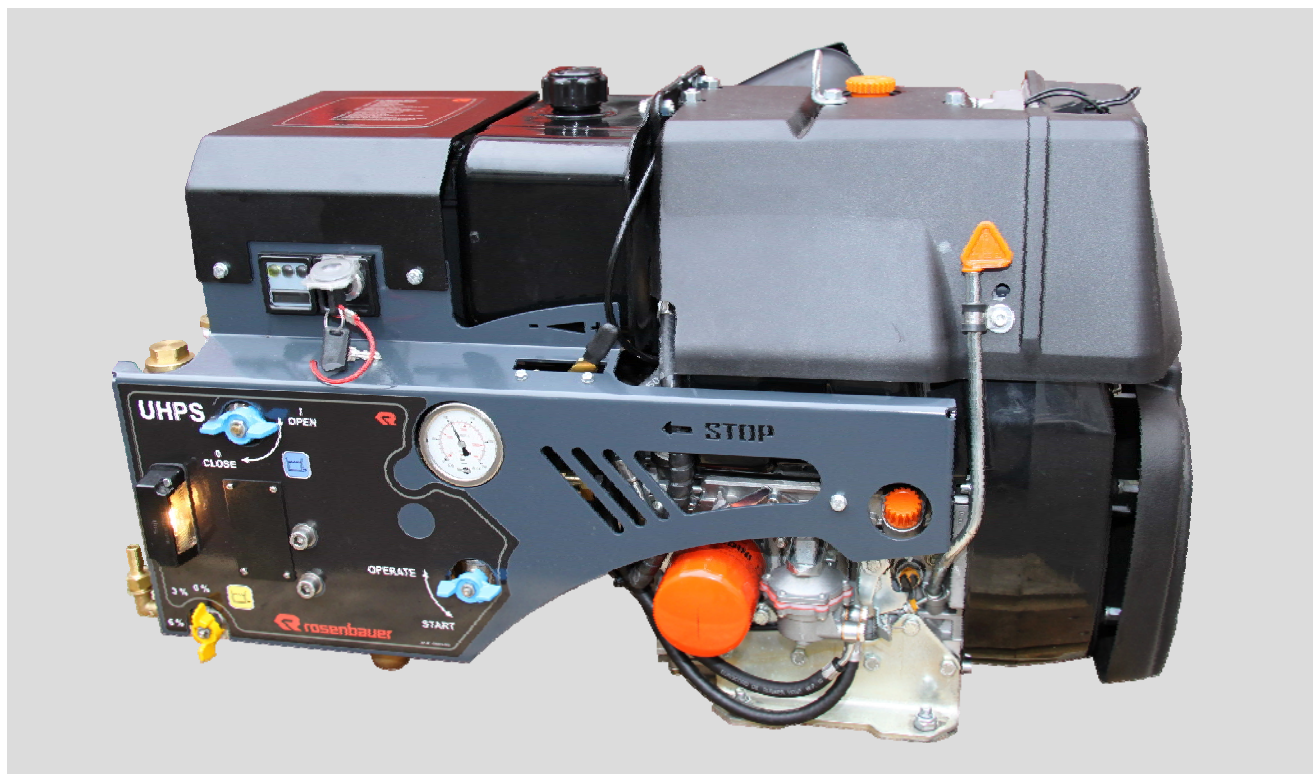


# UHPS

Basic module with diesel engine



## Description

The basic module with diesel engine is the main item of the modular UHPS system and delivers 38 l/min at 100 bar. In combination with hose reel, branch pipe, water tank and basic frames, the system can be adapted flexibly to all requirements.

## Benefits

### Most effective extinguishing

- atomization of the water due to high pressure of 100 bar (1450 psi)
- precisely adapted nozzle design
- adjustable pattern: full to spray jet

### Minimized water consumption

- output of 38 l/min (10 gpm)
- prevention of water damage

### Superior foam quality / stability

- foam admixing system 0 to 6 %
- foam attachment for fog gun

### Large effective operating range

- 10 m (33 ft) effective throwing range
- 60 m (197 ft) buckle safe hose

### Simple / safe operation

- fixed setting of pressure and output
- thin, lightweight and nevertheless very robust hose
- ergonomic fog gun
- continuous water supply
- refilling of water tank during operation

### Applications

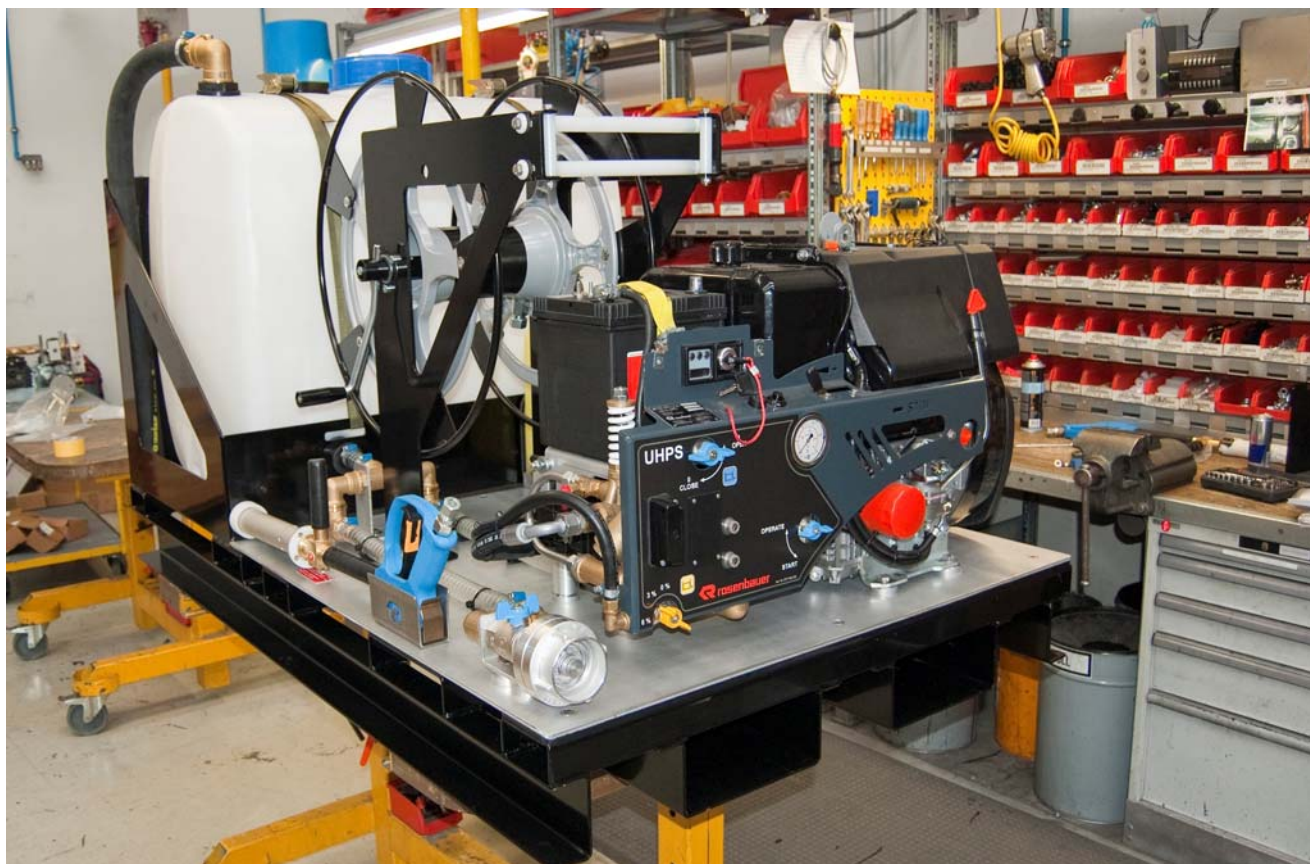
- rapid intervention vehicles
- small extinguishing vehicles

### Fields of application

- first attack
- car fires
- forest fires
- pool fires (liquid fires)

# UHPS

Basic module with diesel engine



Example of installation

## Technical data

<b>Engine</b>	Lombardini 2-cylinder, 4-stroke diesel engine, 851 cm <sup>3</sup> , 14 kW (19 PS) at 3600 1/min 12 V electric starter with manual rope recoil starter, fuel tank 8,5 l (2,25 gal)
<b>Extinguishing system</b>	high pressure plunger pump with 38 l/min at 100 bar (10 gpm at 1450 psi), foam admixing system 0 – 6 %, filter element, manometer with glycerine damping
<b>Hose</b>	60 m high pressure hose (197 ft), hose reel with window, brake and catch
<b>Fog gun</b>	ergonomically formed fog gun with piston handgrip, Infinite adjustment of full to spray jet <ul style="list-style-type: none"><li>▪ standard branch pipe: foam barrel detachable</li><li>▪ combined branch pipe: foam barrel integrated</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>▪ UHPS basic module: 127 kg (280 lbs), unfilled</li><li>▪ Standard foam canister 20l: 20 kg (44,1 lbs)</li><li>▪ Manual hose reel: 52 kg (114,6 lbs), (hose reel, 60m high pressure hose, standard branch pipe)</li></ul>
<b>Dimensions</b>	<ul style="list-style-type: none"><li>▪ UHPS basic module: LxWxH = 826 mm x 464 mm x 504 mm LxWxH = 32,5 in x 18,3 in x 19,8 in</li><li>▪ hose reel manual: LxWxH = 463 mm x 460 mm x 487 mm LxWxH = 18,2 in x 18,1 in x 19,2 in</li><li>▪ hose reel electric: LxWxH = 545 mm x 460 mm x 487 mm LxWxH = 21,5 in x 18,1 in x 19,2 in</li></ul>

## Contact

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