

UHPS PTO

UHPS for chassis installation



Description

With the UHPS PTO, the ultra high pressure system can be built in flexibly to save space in vehicles which have an own PTO. The control panel can be built in horizontally or vertically and thus perfectly fitted onto the vehicle.

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

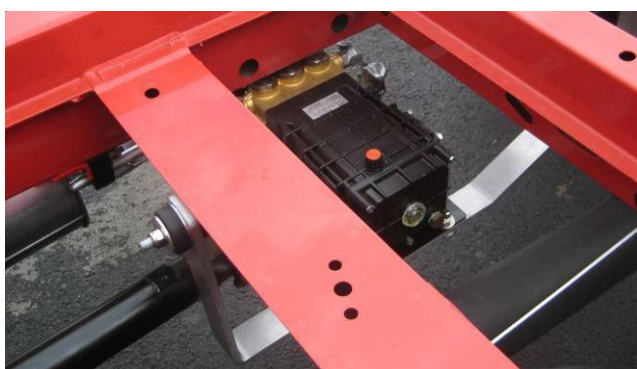
- first attack
- car fires
- forest fires
- pool fires (liquid fires)

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UHPS PTO pump



UHUHPS PTO pump



UHPS PTO control panel in vehicle

Technical data

Extinguishing system	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
Hose	60 m high pressure hose (197 ft), hose reel with window, brake and catch
Fog gun	ergonomically formed fog gun with piston handgrip, Infinite adjustment of full to spray jet <ul style="list-style-type: none"> ▪ standard branch pipe: foam barrel detachable ▪ combined branch pipe: foam barrel integrated
Tank	tank sizes of 100 l (26,4 gal) to 500 l (132 gal) available, combinations with every water tank possible
Dimensions	<ul style="list-style-type: none"> ▪ UHPS PTO control panel: LxWxH = 184 mm x 278 mm x 400 mm (7,2 in x 10,9 in x 15,7 in) ▪ UHPS PTO pump: LxWxH = 315 mm x 247 mm x 156 mm (12,4 in x 9,7 in x 6,1 in) ▪ foam canister: LxWxH = 390 mm x 196 mm x 360 mm (15,4 in x 7,7 in x 14,2 in) ▪ hose reel manual: LxWxH = 463 mm x 460 mm x 487 mm (18,2 in x 18,1 in x 19,2 in) ▪ hose reel electric: LxWxH = 545 mm x 460 mm x 487 mm (21,5 in x 18,1 in x 19,2 in)
Weight	<ul style="list-style-type: none"> ▪ pump: approx. 15 kg (33 lbs) ▪ control unit: approx. 10 kg (22 lbs) ▪ hose reel and branch pipe: approx. 52 kg (114,6 lbs) ▪ foam canister full: approx. 21 kg (46,3 lbs)

Contact

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