

UHPS ATV

Ultra high pressure system on Ranger 800 6x6



Description

With the UHPS ATV on Polaris Rangers 6x6 chassis, an agile and all-terrain chassis is available for the UHPS. Equipped with 200 l water tank it proves especially with fire-fighting operations in restricted place relations (bush fires, basement garages, shopping centers, production halls and so on).

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

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

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Technical data chassis Polaris Ranger 800 6x6

Chassis	<ul style="list-style-type: none">▪ Polaris 2-cylinder 4-stroke gasoline engine, 760 cm³, 40 PS (29,4 kW), water cooled▪ PVT automatic transmission with drive belt▪ switchable all-wheel drive and blocking-differential▪ 3 seats▪ fuel tank capacity 34 l (9 gal)▪ Max. speed 74 km/h (46 mph)
Dimensions	LxWxH: 3050 mm x 1524 mm x 1930 mm LxWxH: 120,1 in x 60 in x 76 in

Technical data UHPS

Engine	Briggs & Stratton 2-cylinder, 4-stroke gasoline engine, 480 cm ³ , 11,8 kW (16 PS) at 3600 1/min 12 V electric starter with manual rope recoil starter, fuel tank 8,5 l (2,25 gal)
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

Contact

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