

POLY ATV SL100

on an ATV



Description

With the POLY ATV SL100 you have an ideal extinguishing system - perfectly suited if scene access is impeded due to narrow alleys or impassable terrain. In practical use, it primarily impresses through its extremely efficient extinguishing capacity as well as its sustained availability during operations, while at the same time maintaining a high degree of mobility. And, in combination with the numerous options available, it can also be customized for your operation specific requirements.

Benefits

Highly efficient CAFS firefighting equipment

- rapid extinguishing as well as excellent burn-back safety thanks to the powerful and sustained cooling and suffocation effects of the CAFS foam
- multiplication of available extinguishing capacity through active foam expansion via compressed air
- targeted, precise extinguishing process using the CAFS foam as an indicator for hot spots
- good visibility thanks to minimal build-up of water vapour from the CAFS foam during flame penetration
- minimal extinguishing agent and fire damage thanks to low water consumption and short extinguishing time

Large and safe action radius

- high degree of mobility during extinguishing thanks to a up to 40 m (131 ft) stable, non-kink and super lightweight FORMTEX special textile hose
- largest possible distance to the seat of the fire thanks to a throw range of approx. 16 m (52 ft) and a throw height of approx. 10 m (32 ft)

Separate foam agent cartridge

- separate storage allows the use of environmentally friendly, fluorine-free foam

A wide range of application types

- direct fighting of incipient and small-sized class A and B fires
- preventive protection of objects at risk of fire through the application of CAFS foam

Easy maintenance

- restoration of operational readiness by the operator in just three steps and without any special training or tools

Various usage possibilities

- commonplace fire fighting operations
- stationary fire protection for public or commercial areas
- mobile fire protection for events

User-friendly operation

- activation possible in just four steps by users without previous knowledge in maximum 5 seconds

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Control panel without
electrical filling level indication



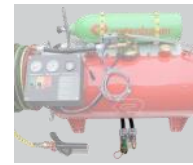
Control panel with
electrical filling level indication



Decompression
via a relief line



Decompression
via the fire hose



Quick tank filling



Quick tank filling and
external water supply

Technical data - Polaris ATV

Model	RANGER 800 EPS (4x4)	RANGER 800 (6x6)
Engine	2-cylinder, 4-stroke gasoline engine / cubic capacity 800 cm ³ / liquid-cooled	
Drive unit	automatic transmission (H / L / N / R) with selectable all-wheel drive	
Brakes	hydraulic disk brakes	
Dimensions	L x W x H = 2900,0 x 1520,0 x 1930,0 mm (114,2 x 59,8 x 76,0 inch)	L x W x H = 3480,0 x 1520,0 x 1930,0 mm (137,0 x 59,8 x 76,0 inch)
Ground clearance	310 mm (12,2 inch)	305 mm (12,0 inch)
Dry weight / load	545,0 kg / 415,0 kg (1201,5 lbs / 914,9 lbs)	704,0 kg / 567,0 kg (1552,1 lbs / 1250,0 lbs)
Tank capacity	34 l (9,0 gal)	34 l (9,0 gal)

Technical data - Extinguishing system

Nominal fill quantity	100 l (26,4 gal)
Operational duration	approx. 171 s
Weight	<ul style="list-style-type: none"> ▪ filled = approx. 140,0 kg (308,6 lbs) ▪ unfilled = approx. 40,0 kg (88,2 lbs)
Dimensions	L x W x H = approx. 409,0 x 941,0 x 519,0 mm (11,2 x 37,1 x 20,4 inch)
Foam proportioning	continuous at approx. 1 %
Expansion ratio ²	approx. 8 for wet CAFS foam
Flow rate ³	approx. 30 - 35 l/min (7,9 - 9,3 gal/min) at 7 bar (101,5 psi)
Compressed air cylinder	6 l / 300 bar (1,6 gal / 4.351,1 psi)
Hose	<ul style="list-style-type: none"> ▪ manual NOHA hose reel with FORMTEX special textil hose DN 19 x 20 m (65 ft) ▪ manual NOHA hose reel with FORMTEX special textil hose DN 19 x 40 m (131 ft)
Nozzle	<ul style="list-style-type: none"> ▪ CAFS nozzle RD 9 with fixed solid jet ▪ CAFS nozzle Select Flow RB 99 EN with adjustable spray jet
Foam compound ¹	<ul style="list-style-type: none"> ▪ STHAMEX -class A ▪ Fomtec AFFF 1% F ▪ Fomtec AB -30 NE
Operating temperature ²	- 20 °C (- 4 °F) bis + 50 °C (+ 122 °F)

¹ Test was performed with these foam compounds (Use of other foam compounds is possible)

² Depending on foam compound used

³ Depending on hose used

Contact

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