

RM15

Electronically controlled turret



Description

The turret RM15 is a compact turret for a varied field of applications. It can be used as front turret for an ARFF vehicle as well as main turret for an municipal vehicle. Designed for water and foam flow rates up to 1.500 l/min and powder flow rates up to 20 kg/s.

Benefits

Flow rate

- up to 1.500 l/min at 10 bar (396 gal/min at 145 psi) water or water-/foam respectively 20 kg/s (44 lbs/sec) powder

Suitable for most extinguishing agents

- water
- water-foam mixture (non air aspirated)
- CAFS
- foam, with foam barrel (air aspirated)
- powder

Excellent throw range

- > 65 m (213 ft) water
- > 47 m (154 ft) foam air aspirated (with foam barrel)

Excellent foam quality

- meets the requirements of NFPA 414
 - › throw range > 47 m (154 ft)
 - › expansion ratio 5:1
 - › quarter drainage time 135 sec

Simple and safe operation

- ONE HAND OPERATION: all turret functions can be controlled directly via joystick / control handle
- SPEED PROPORTIONAL CONTROL: deviation of joystick prescribes velocity of turret movement
- FEED BACK CONTROL: position of the control handle prescribes position of the turret, programmable rest- and attack position

Automatic oscillation operation

- turret moves along a rectangle which is freely definable in size and position
- enables a fully automatic turret operation

Compact turret

- the turret is ideally suitable as bumper turret through it's small width of only 250 mm (9,8 in)

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Full jet



Spray jet



Bumper turret on ARFF vehicle



High pressure turret on municipal vehicle

Technical data

Drive	electric motors, manual emergency actuation via hand wheels
Rotation range	max. 270° (depending on model)
Swivel range	max. -40° up to +65° (without design cover), max. -20° up to +65° (with design cover)
Connection	flange DN50, vertical
Nozzle	O-stream nozzle, maximum flow rate 1.500 l/min (396 gal/min)
Nozzle adjustment	electric adjustment for full/spray jet
Foam barrel	optional, with integrated aspiration plates for improved foam quality
Deflector	optional, for adjusting the jet by using the foam barrel
Powder nozzle	optional integrated: max. flow rate 20 kg/s (44 lbs/sec)
Electric	12 V or 24 V
Control	electronic control via CAN-bus with absolute position detection via potentiometer

Contact

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