

RM60

Electronically controlled turret



Description

The turret RM60 is with its maximum flow rate of 7.000 l/min used on airport and industry fire trucks. It is suitable for throwing water, water-foam mixture non air aspirated, foam, powder above a separate powder nozzle as well as through the ChemCore nozzle for the combined application of water and powder.

Benefits

Flow rate

- up to 7.000 l/min at 10 bar (1850 gal/min at 145 psi) water or water-/foam respectively 60 kg/s (132 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

- > 95 m (312 ft) water
- > 80 m (262 ft) foam (with foam barrel), depending on foam concentrate and necessary foam quality

Excellent foam quality

- meets the requirements of NFPA 414 and ICAO

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 roof turret through its height

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Turret with foam barrel and deflector



Turret with ChemCore nozzle



Manual emergency actuation on turret



Camera

Technical data

Drive	electric motors, manual emergency actuation via hand wheels
Rotation range	max. 270°
Swivel range	max. -18° up to +70°
Connection	flange DN100, vertical or horizontal
Nozzle	O-stream nozzle, maximum flow rate 7.000 l/min (1850 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	<ul style="list-style-type: none">optional add-on: max. flow rate 20 kg/s (44 lbs/sec)optional integrated: max. flow rate 60 kg/s (132 lbs/sec)
ChemCore nozzle	optional, integrated combined water-/powder nozzle, max. flow 6.000 l/min (1582 l/min) water, 20 kg/s (44 lbs/sec) powder
Electric	12 V or 24 V
Control	electronic control via CAN-bus with absolute position detection via potentiometer

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