

# RM25

## Electronically controlled turret



### Description

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The electronically controlled turret RM25 can be used as bumper- or roof turret for ARFF-, industrial- and municipal fire trucks through its compact design. Designed for water and foam flow rates up to 3.000 l/min and powder flow rate up to 40 kg/s.

### Benefits

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#### Flow rate

- Standard: up to 2.500 l/min at 10 bar (660 gal/min at 145 psi) water or water-/foam
- Optional: up to 3.000 l/min at 10 bar (800 gal/min at 145 psi) water or water-/foam
- 40 kg/s (88 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

- Approx. 70 m (230 ft) water

#### Excellent foam quality

- meets the requirements of NFPA 414

#### 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 and roof turret through its small width and height

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## Electronically controlled turret



Turret on municipal vehicle



Turret on industrial vehicle



Powder turret



Turret with foam barrel and deflector, on top powder nozzle

## Technical data

<b>Drive</b>	electric motors, manual emergency actuation via hand wheels
<b>Rotation range</b>	Standard: max. 270°, optional max. 330°
<b>Swivel range</b>	Standard: max. -17° up to +70°, optional max. +80°
<b>Connection</b>	flange DN65, vertical or horizontal
<b>Nozzle</b>	O-stream nozzle, maximum flow rate 2500 l/min (660 gal/min)
<b>Nozzle adjustment</b>	electric adjustment for full/spray jet
<b>Foam barrel</b>	optional, with integrated aspiration plates for improved foam quality
<b>Deflector</b>	optional, for adjusting the jet by using the foam barrel
<b>Powder nozzle</b>	<ul style="list-style-type: none"><li>optional add-on: max. flow rate 20 kg/s (44 lbs/sec)</li><li>optional integrated: max. flow rate 40 kg/s (88 lbs/sec)</li></ul>
<b>Electric</b>	12 V or 24 V
<b>Control</b>	electronic control via CAN-bus with absolute position detection via potentiometer

## Contact

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