

ZW RLF-T 3000/100/100

2-way Rescue and Fire Fighting Vehicle



Hong Kong Fire Service, Hong Kong



Base specification

- **Chassis**
 - › Type: Scania P 360 CB 6x4 HSZ
 - › Engine: DC 13 06 EGR Euro 5
 - › Engine output: 265 kW / 360 hp at 1,600 RPM
 - › Gearbox: Allison HD 4500 with retarder
 - › Wheelbase: 4,900 + 1,350 mm
- **Rail travel device**
 - › Type: Zweiweg LOCTRAC ZW 332
 - › Hydrostatic drive with lifting and lowering device for 1,435 mm rail gauge
 - › Top speed: 60 km/h
- **Driving compartment**
 - › Crew: 1 + 7
 - › Original Scania twin cab with four seats in the direction of travel and two against the direction of travel. All seats are equipped with SCBA units (each 2 x 6 l 300 bar).
 - › Air-conditioner
- **Body**
 - › Aluminum framework with bonded aluminum sheeting. The entire body module sits on a subframe, which is attached to the chassis frame with special cone bearings.
- **Extinguishing agent tank**
 - › Water tank: 3,000 l
 - › Foam tank 1: 100 l Class A
 - › Foam tank 2: 100 l Class B
- **Extinguishing system**
 - › Type: Rosenbauer NH 55, combined normal and high pressure pump
 - › Normal pressure output: 5,000 l/min at 10 bar
 - › High pressure output: 400 l/min at 40 bar
 - › Pump pressure governor
 - › Pump operation with simultaneous driving operation
- **Mixing systems**
 - › Type: Rosenbauer DIGIMATIC
Electrically driven, electronically controlled direct injection foam proportioning system
Foam compound output: 22 l/min maximum
Proportioning ratio: 0.1% to 6% stepless
 - › Type: Rosenbauer CAFS 30
Compressed air foam system
Compressed air production via rotary compressor
- **Bumper turret**
 - › Type: Rosenbauer RM15C
 - › Electronically controlled monitor
 - › Output: max. 1,500 l/min at 10 bar
 - › CAFS operation via monitor

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Other equipment

- › NP and HP rapid intervention hose reels
- › Electrical cable winch DC 34.9
- › Reversing camera and rear drive camera
- › Front and rear forward-looking infrared camera
- › Gas-detecting device with 4 detectors
- › LED lighting
- › 4 rear parking sensors with digital indicator
- › Illumination for rail operation
- › Rosenbauer EPS built-in generator 60 kVA
- › 4 Rosenbauer FANERGY E21 tunnel fans with water spray insert, 2 on the left and 2 on the right, stepless swivel, electric roller shutters in equipment compartments 1 and 2, control in the driver's cab
- › Display for pump control in the driver's cab in rear with its own hinged lid

Dimensions and weight

| | |
|--------------------------|---------------------------|
| L x W x H | 10,500 x 2,500 x 3,800 mm |
| Permissible Total weight | 33,000 kg |



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