



# The new AT

Advanced Technology

Municipal vehicles of 10–20 t

For the strictest demands.

 **rosenbauer**



# The new AT.

**Perfect design for operational needs.**



## **Perfection down to the smallest detail.**

The design of the new AT was completed using the latest development and simulation methods. Production processes were also further refined and every component was checked exhaustively in the course of numerous practical test phases. The superstructure concept also sets new benchmarks. The AT is now more durable and corrosion-resistant and impresses with its absolute precision. This systematic optimization of the AT series provides fire fighters with a decisive simplification of operational activities.



## **Compact.**

The new AT series covers the complete range of municipal vehicle types from 10 to 20 t. Two superstructure widths can be combined with three differing heights:

- The new AT is available with a vehicle width of 2.30 m
- Greater accessibility to narrow historic quarters is provided by the short rear projection
- In the low City version, the new AT can also pass through tight arches and gates

*Flexible superstructure concept for individual solutions*





*One concept. Two superstructure widths. Three superstructure heights. Custom interiors.*



*Manoeuvrable in narrow streets*

### **Innovation derived from experience.**

The new AT incorporates the results of 15 years of experience derived from the production of over 2,000 AT vehicles. The proven has been perfected and intelligently supplemented with new features. Consequently, the new AT generation offers 90 innovations. Advances that provide fast and safe operational working.

### **Spacious.**

The newly designed superstructure creates larger equipment storage compartments without any change to the external dimensions.

- Variable fittings are available in line with specific wishes and needs
- Every free space is used, with storage under the seats, in the revolving steps and the rear compartment
- Adjustable stowages mean that the interior fittings can be quickly and smoothly modified in line with changed requirements



*The best possible use of space provides more storage capacity for equipment*



# Operational ergonomics.

For fast and safe procedures.



*Safe entry and exit in every situation*

## Patented crew cabin steps.

The Rosenbauer revolving safety steps allow the crew to enter and exit the vehicle quickly and safely, even when wearing heavy breathing apparatus, or in situations where the doors can only be half opened.

## The crew cabin with greater safety and comfort.

In the new AT, bright LED lighting provides a better light, while the integrated airbags and newly developed 3-point safety belts ensure enhanced safety. All in all, the comprehensive, ergonomic concept of the crew cabin provides fire fighters with optimum support during operations.

## A focus on essentials.

The new AT assumes a range of assignments in order that during operations, fire fighters can concentrate fully on the task at hand. Equipment handling is simple and ensures the greatest possible safety for the crew. Many Rosenbauer employees are themselves members of the fire services and are therefore well acquainted with operational reality and all its challenges from personal experience. It is this invaluable know-how that flows into the development phase.





*Uniform colour concept*

### Stowage system with color logic.

The stowage system allows fast and straightforward equipment removal. Moreover, this is further simplified by a uniform color concept. All operational devices are identified by the color orange.



*No reel after-running*

### Functional hose reels.

Hose rewinding by means of a pedal integrated into the vehicle steps ensures that fire fighters have their hands free for other tasks. An automatic brake in the hose window also prevents reel after-running.



*Pedal for hose rewinding*



*Equipment carousel and hose magazine*

### Optimum use of space.

The storage space in the new AT is used intelligently by means of clarity and logic:

- The hose magazine offers space-saving storage and simple hose operation
- The equipment carousel provides the clever utilization of every area in the vehicle, which would otherwise be difficult to reach



# Functional solutions.

## For greater safety and efficiency.

### Innovative lighting concept.

A large percentage of operations take place in twilight or darkness. Accordingly, the new AT is equipped with a special concept, which provides lighting conditions of a previously unattained standard and thus raises both operational safety and efficiency levels. This innovative lighting system is based on LED technology and provides illumination where it is most needed. Indeed, the combination with the underfloor, ambient and equipment compartment lighting, and the new lighting mast, provides conditions that resemble daylight. Virtually natural color perception, limited shadows and homogenous illumination of the entire operational scene makes work at night considerably easier.



Activate the lighting at the touch of a button



Underfloor lighting



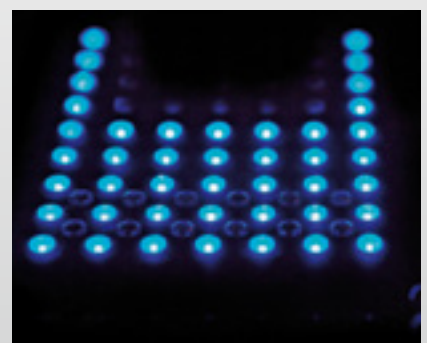
LED crew cabin lighting



### Operation button.

The push of a single button activates the following functions:

- Warning light system
- Ambient lighting
- Lighting mast
- Pump
- Generator
- Searchlight



LED tank capacity display



### **Superior extinguishing technology.**

With regard to extinguishing technology, which is a core Rosenbauer competence, it is performance and efficiency that count. In the latest AT, the tank volumes (up to 7,500 l) and pump performance (up to 5,500 l/min) are perfectly coordinated and the new and innovative foam proportioning systems are maintenance free. Moreover, the patented overflow system ensures loss-free transport.

Another new AT feature is the central water axis, which means that connections, feed and suction hoses can be attached at a single point. The water supply of the pumps and tanks takes place fully automatically.

### **Everything on a one-stop shopping basis from Rosenbauer.**

Rosenbauer designs, manufactures and precisely integrates all extinguishing technology components into the vehicle. This ensures a perfectly functioning system and hence optimum safety.

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