



ET

Efficient Technology

**Municipal firefighting and rescue vehicles
up to 20 tons.**

Efficient. Versatile. Safe.

 **rosenbauer**

Maximum efficiency. No compromise.

3 equipment lines

The ET product line offers the right solution for every requirement: From largely standardized variants with coordinated options and reduced complexity to superstructures with variable height, width, and length. The starting point is three equipment lines:



ECONOMIC

The entry-level version features a freestanding bridge between the axles and a fixed step behind the rear axle.



COMFORT

For the safe separation of drinking and non-drinking water in hydrant-feed mode, a DIN-compliant free-tank inlet is optionally available. Due to the low height of the 4x2 chassis, even the upper areas can be reached without a hinged step. There is also a fixed step behind the rear axle.



PREMIUM

The top-of-the-line model features full-height storage compartments not only between the axles but also in the rear section. A combination of roller shutters and equipment storage compartments ensures optimal accessibility. This is particularly convenient in 4x4 chassis with a greater overall height. A wing-mounted access plate for the rear axle is also available.



Standardization combined with versatility

A high degree of standardization of Efficient Technology municipal vehicles reduces costs without sacrificing essential functionality. At the same time, the modular design and wide range of components enable tailoring the configuration to any application. This makes the ET an efficient all-rounder.

Enormous flexibility. For chassis and cab.



Can be built on virtually any chassis

For standard ET vehicles, the weight class ranges from 12 to 20 tons. Chassis options include the MAN TGM, Mercedes-Benz Atego, Volvo FMX, and Scania P-series, available with or without the original double cab. However, the flexibility of the body design also makes it possible to mount it on virtually any other chassis, such as those from Hino or Isuzu. The Rosenbauer Commander chassis is another possibility.





Selection of cab variants

Typically, the ET series is built on a chassis without a double cab or with an original chassis double cab. However, due to the modularity of the construction concept, the Rosenbauer proCAB can also be used as a crew cab.



Powerful extinguishing technology. Proven quality.

High-end pump units

The ET uses exactly the same pump units as other Rosenbauer vehicles: normal-pressure pumps with delivery rates up to 4,500 l/min at 10 bar, or combined normal-high-pressure pumps with an additional 400 l/min delivery rate at 40 bar. The water tanks are made of polypropylene (PP) and have a capacity of up to 5,000 liters.

Easy-to-use turret

The RM24 is a manual turret that provides flow rates of up to 3,000 l/min at 10 bar. It is characterized by its ease of use, a maximum spray range of 80 meters, and easy adjustment of the flow rate and spray pattern. The optionally available foam branch pipe with deflector can be either fixed or swivel-mounted.



Various foam systems

FIXMIX 2.0

This foam premixing system, which can be controlled manually or electronically (via RBC LCS), is integrated into the pump, and offers both fixed and steplessly adjustable mixing rates.

High-pressure FIXMIX

This high-pressure proportioning system works mechanically, is maintenance-free, and can be fully integrated into NH series pumps. It allows foam on the high-pressure side and water on the normal-pressure side simultaneously. One of four mixing ratios is available (0.5%, 1%, 3% or 6%).

RFC Admix Variomatic

This electrically driven direct injection proportioning system allows for stepless adjustment of the proportioning rate. The foaming agent is injected directly at the discharge outlet, making the system easier to clean after use.



Central water supply and free tank inlet

Thanks to the central water supply, all supply hoses can be connected to a central point on the vehicle. For the safe separation of drinking and non-drinking water in hydrant-feed mode, a DIN-compliant free-tank inlet is available as an option.

Easy to use. Working safely.

Two control options

In the basic version, a hard-wired electronic system ensures reliable performance. An optional, comprehensive CAN bus system offers maximum convenience. The entire control process is then carried out via the RBC Logic Control System, whose logical structure and clear display of extinguishing agent levels and operating conditions significantly simplify the work. Operation is possible from both the cockpit and the pump dashboard.



Smart storage for maximum safety, speed, and ergonomics

The Rosenbauer COMFORT stowage system ensures that equipment is securely fastened during emergency calls and can be quickly and ergonomically removed at the scene. An intuitive color concept makes operation easier: elements that need to be pressed or pulled are clearly marked in orange. Rosenbauer pull-out extensions and rotating platforms enable effortless removal of heavy

equipment, such as portable fire pumps or generators weighing up to 250 kg. For even heavier loads, tried-and-tested lowering systems are available that safely and ergonomically lower weights of up to 400 kg to a comfortable working height. Even bulky pieces of equipment like ladders can be safely removed from ground level thanks to ladder-lowering devices, eliminating the need to climb onto the vehicle roof and, therefore, any risk of falls.

Modern lighting

Modern ambient and equipment room lighting, combined with a light pole, create working conditions similar to natural daylight. The LED light is bright, virtually glare-free, and highly energy-efficient.



The ET at a glance.

The idea behind the Efficient Technology product line is simple: keep only what is essential. These municipal vehicles combine Rosenbauer technology with a consistently cost-effective design. This is made possible by a high degree of standardization, which also allows for a wide range of modular configurations and a variety of optional components. The result: high impact at minimal cost.

No compromise on functionality

No expense has been spared on essential functional features. This makes the ET an efficient all-rounder with exactly the right equipment that fire departments need for their operations. Thanks to the maintenance-friendly design, maintenance costs are also low, maintaining the economic efficiency of the ET vehicles over the long term.

Various superstructures, 3 equipment lines

The ET product line offers the right solution for every requirement: From largely standardized variants with coordinated options and reduced complexity to superstructures with variable height, width, and length. The starting point for configuring the desired layout for ET vehicles is one of three trim levels: Economic, Comfort, and Premium.

Chassis and crew cab variants

For standard ET vehicles, the weight class ranges from 12 to 20 tons. Almost any chassis can be used. Thanks to the modular design, the Rosenbauer proCAB can also be used as a crew cab.

Versatile extinguishing technology

The ET vehicles are equipped with the same pump systems used in other Rosenbauer series: with maximum flow rates of up to 4,500 l/min at 10 bar, or as combined standard- and high-pressure pumps with an additional flow rate of 400 l/min at an outlet pressure of 40 bar. Water tanks are available in a range of sizes up to 5,000 liters. They are self-supporting and made of polypropylene (PP), which means they can even transport drinking water. Thanks to the central water supply, all supply hoses can be connected to a central point on the vehicle, regardless of whether water is being fed into the vehicle or drawn from a body of

water. For the safe separation of drinking and non-drinking water in hydrant-feed mode, a DIN-compliant free-tank inlet is available as an option. The RM24 is a manual turret that provides flow rates of up to 3,000 l/min at 10 bar. It is characterized by its ease of use, a maximum spray range of 80 meters, and easy adjustment of the flow rate and spray pattern. Various proportioning systems are also available for foam extinguishing operations.

Control via the Logic Control System

In the standard version, a hard-wired electronic system ensures reliable operation of the ET. The pump unit, including the pump pressure regulation, is controlled automatically via the LCS Compact; all other functions are controlled via individual switches. A CAN bus system ensures maximum ease of use. All control functions are then managed via the Rosenbauer Logic Control System. The system can be operated from both the cab and the pump control panel.

Smart details

Modern environmental and equipment compartment lighting, as well as a light mast, create conditions similar to natural daylight. The LED light is bright, virtually glare-free, and highly energy-efficient. Various fastening and storage systems, such as the COMFORT stowage system, ensure convenient, fast, and safe removal of the equipment. The color concept ensures that the right control is intuitively selected in every situation: All operable elements are marked with the signal color orange. Extremely stable pull-out extensions and rotating platforms also facilitate the removal of items of equipment weighing up to 250 kg. In practice, this means: simply pull, swivel, remove, whether it's a portable fire pump, generator, or other piece of equipment. The COMFORT lowering system simplifies handling loads weighing up to 400 kg. This allows, for example, portable pumps to be placed safely on the ground without any strain.

Would you like to find out more about
the ET product line?
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