



# Specialty Vehicles

Concepts for special challenges.

Support and safety in every operation.

 **rosenbauer**



# Concepts for special

Support and safety in every operation.





# challenges.



With many years of experience and an international presence, Rosenbauer specialty vehicles support fire departments worldwide with their specific challenges and allow for rapid assistance in any situation with special solutions.

# Great mobility in every situation.

## Specialty vehicles - designed for operations outside of the norm.

Rosenbauer specialty vehicles provide the greatest possible mobility, security, and efficiency in special operational situations. The high production quality “made in Austria” plays an important role. With many years of experience and the highest level of industrial fabrication, all specialty vehicles that are used in diverse operations worldwide are developed, constructed, and installed by Rosenbauer.

Special system solutions allow all advantages of industrial fabrication to be utilized while still being able to produce the specialty vehicles as robust lightweight constructions in accordance with individual requirements. Rosenbauer’s industrial foundations are characterized by three-dimensional computer aided design (CAD), finite elements methods (FEM), computer simulations, laser cutting machines, CNC machines, and much more. These technologies are used to ensure the highest series quality for custom orders. In addition to technology and competence, it is Rosenbauer’s close proximity to its customers that turns specialty vehicles into customized solutions for special requirements and operations worldwide.



### Your partner for innovative fire fighting vehicles.

Rosenbauer is the worldwide leading technology and service provider for defensive fire fighting and disaster control. For nearly 150 years, the name has been synonymous with significant innovations and ground-breaking technology in the manufacture of all types of fire fighting trucks and extinguishing systems. Rosenbauer offers integrated solutions and individually supports you through complex projects.

Most of our employees are themselves experienced fire fighters. That’s why they know what’s important in operation. With Rosenbauer you talk expert to expert, right from the start. This know-how produces customized fire fighting trucks that are just right.





**Rosenbauer specialty vehicles score points**

- with great mobility in every terrain,
- as special solutions for quick help during disaster operations,
- through safe support of fire departments in operation,
- as special vehicle concept for special requirements.



# Everything from one source.

## Integrated solutions for special requirements.

### Specialized know-how for special operations.

At Rosenbauer, all components, solutions, and even services originate from a single source and are optimally built for one another. Chassis, superstructures, and fire fighting equipment follow an integrated concept that is guaranteed with standardized processes, sophisticated production processes and an experienced production team. Various production options for the specialty vehicles allow for a variety of superstructures. This lends all of the specialty vehicles a high degree of sustainability and provides customers with the highest possible investment security. And through perfect technical documentation, our own spare parts department, worldwide service and corresponding training programs, all potentials for the vehicles and applications are exhausted.



### State-of-the-art technology.

Production of the specialty vehicles in the world's most modern fire fighting vehicle factory ensures a consistently high and proven quality at the highest technological level.



*Rosenbauer manufactures specialty vehicles for fire departments according to state-of-the-art methods.*





**Perfectly matched fire fighting equipment.**

All fire fighting equipment is developed, manufactured, and optimally integrated into the vehicle body by Rosenbauer. This guarantees a reliable and strong extinguishing system in every operational situation. The functional design and intuitive operation also ensure more safety and comfort.



**Many years of experience - worldwide know-how.**

- Consideration of internationally applicable standards
- All products used comply with important standards
- Specialized knowledge, experience and team-oriented work with the customer
- Efficient support for fire department operations

# Maximum performance.

## Highest quality in function and technology.

Primarily, it is the high quality of the body, customer-oriented service as well as experience and know-how in development, construction, and fabrication that make specialty vehicles from Rosenbauer efficient and safe tools for fire departments across the entire world.

### **The company – experienced, innovative, leading.**

Rosenbauer is the largest international supplier of fire departments with vehicles, fire fighting equipment, accessories, and telematic solutions and is a pioneer in the industry with its enormous innovative strength. This guarantees customers know-how, quality, and state-of-the-art technology when purchasing specialty vehicles too.

### **The products – robust, durable, high quality.**

Specialty vehicles from Rosenbauer come fully equipped, are produced from a single source, feature the latest state-of-the-art technology, and allow innovative special solutions. They are especially suited for operations on difficult and impassable terrain because of their resistant materials and robust design.

### **The reliable worldwide partner.**

Fire departments the world over place their trust in Rosenbauer. Rosenbauer vehicles are in operation in 150 countries worldwide. An extensive international sales and service network ensures comprehensive, competent, and reliable customer consultation.

### **Always well-equipped.**


Regardless of fires, disasters, or technical operations – Rosenbauer specialty vehicles provide the best possible mobility and support on any terrain.

### **Consultation – competent, personal, individual.**

Customer proximity to Rosenbauer means understanding customers' desires and implementing them with know-how throughout the entire process. From start to finish, comprehensive consultation and permanent exchange with the customer ensure that his or her requirements in the individual design of the specialty vehicles are met in full.

### **Service – comprehensive, reliable, worldwide.**

Service at Rosenbauer begins with the very first customer discussion. Comprehensive know-how and constant support throughout the entire project ensure the best possible end result. Thereafter, Rosenbauer service packages ensure regular controls and safe maintenance of the vehicle.



Rosenbauer specialty vehicles assist fire departments with special challenges and allow for rapid assistance in any emergency situation.





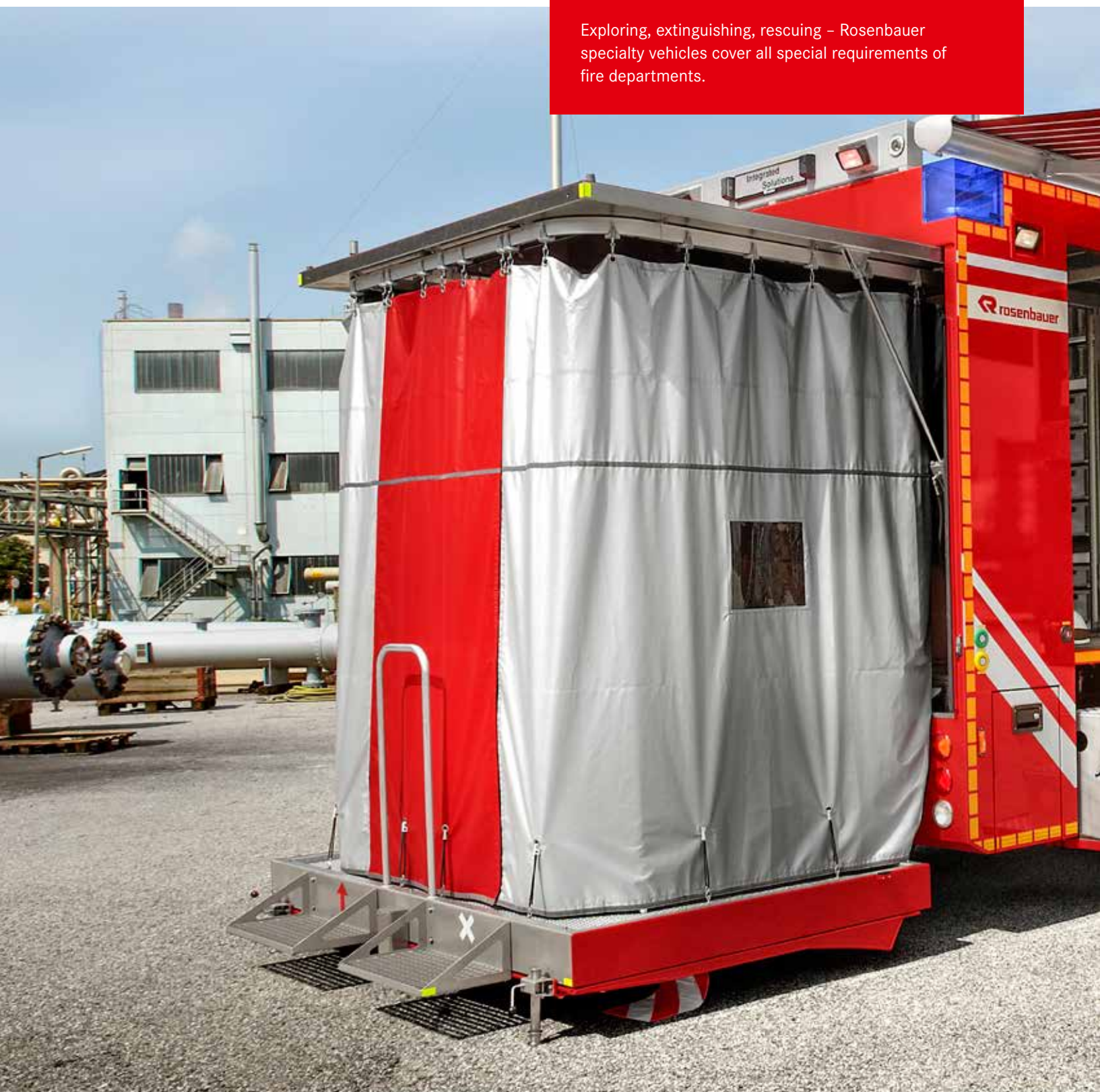


# Specialty vehicles.

Well-equipped for special requirements.

## Versatile operational possibilities.

Exploring, extinguishing, rescuing – Rosenbauer specialty vehicles cover all special requirements of fire departments.





**Individual specialty vehicles for special operations.**

Rosenbauer specialty vehicles are specially fabricated for the special requirements of fire departments. Fire fighting vehicles for forest fires, rescue vehicles, systems for flexible loading, vehicle concepts for hazmat operations, command and communications apparatus, and specialty vehicles are used in operations on all terrains and in all situations. Individual and customized solutions are used on high-quality chassis.





## ■ Forest fire fighting vehicles

High degree of safety on difficult to access terrain.

Forest fire fighting vehicles are designed for extinguishing fires in forests and scrublands as well as on difficult terrain while also providing emergency crews with the best possible protection.

- Robust lightweight construction
- Lower center of gravity



Components like extinguishing agent tanks, pump systems as well as equipment compartments with corresponding equipment are built on a single-tire, all-terrain, all-wheel chassis body. To be optimally protected during fire fighting, standing room and/or seating can be provided on the vehicle. It is no longer necessary to leave the vehicle.





## ■ Rescue vehicles

### Reliable and user-friendly.

Rosenbauer rescue vehicles combine decades of experience with the know-how of high-quality laser technology in an industrial aluminum frame design. The self-supporting body structure guarantees the highest torsional rigidity, quality, and durability of the superstructure.

- For rapid transport and efficient use of equipment
- Sophisticated loading concepts
- Individual solutions



*The corrosion-resistant aluminum frame structure of the Rosenbauer rescue vehicles with aluminum flashing is a proven adhesive design that is extremely stable and durable. The professional COMFORT stowage system secures the equipment in the vehicle. Depending on individual requirements, a multitude of additional equipment may be selected.*



## ■ Swap body vehicles

### Highest level of operational flexibility.

Certain operational scenarios require various sorts of vehicle equipment. Swap body vehicles from Rosenbauer are the most efficient solution for the highest flexibility for the transport and storage of equipment that is only needed in certain situations.

- For flexible loading and fast swapping of equipment
- Individual roll-off containers for the most diverse requirements
- Body is the standardized overall length of 5,900 mm to 6,900 mm.

*Depending on the usage purpose, the swap-body system is manufactured in sandwich construction, sheet metal construction, or in aluminum ribbed construction.*







Rosenbauer assembles individual roll-off containers for every fire department. The substructure forms an L-base frame in accordance with the valid DIN standards.





## HAZMAT

Perfectly equipped for hazmat operations.

HAZMAT and decontamination vehicles from Rosenbauer are fully equipped for hazmat operations and represent the complete and perfect solution for this area. Customized and customer-specific solutions characterize these vehicle concepts.

- Complete solutions for hazmat operations and decontamination
- Comprehensive equipment packages
- Customized solutions



The Decon vehicle is a specialty vehicle for the decontamination of a high number of people and equipment in large HAZMAT operations (D3). The Decon comprises pre-cleaning, main cleaning, and regeneration. Additionally, a weather station and a remote-controlled video camera system can be installed.





## ■ Command vehicles

### The mobile command center on the road.

Command and communications apparatus from Rosenbauer support deployment crews in the management and coordination of tactical units for fire fighting and disaster operations. The mobile command center is an indispensable instrument for fire departments, authorities, and organizations for controlling and managing difficult operational situations in a clear and organized fashion.

- Mobile command center for operational leader
- Best networking with the command center
- Compact and robust, for exploratory operations



*With command and communications apparatus from Rosenbauer, fire departments are able to direct the entire operational procedure, bring operational leaders and staff to the scene and support them, transport command materials and handle radio transmissions on the scene and with the superior leadership authority. The vehicle serves as a mobile office with extensive equipment in the vehicle interior.*



## Specialty vehicles

### Vehicle concepts for unconventional operations and requirements.

The variety of customer requests has made Rosenbauer an expert in designing special superstructures for the fire fighting sector. The vehicle concepts for special fire department vehicles range from the smallest fire fighting vehicles on motorbikes, quads, and tunnel extinguishing vehicles right through to the heaviest tow trucks on four axle chassis.

- High level of safety in accordance with ISO certification
- Maximum protection of your crew

*The **tugging winch recovery vehicle** from Rosenbauer is a reliable partner when it comes to towing and recovering heavy loads. Tugging winch recovery vehicles from Rosenbauer can transfer items with a loading crane or clear operation sites, for example, after an accident. A crane behind the cab performs lifting and lowering tasks. And trucks can be towed over long distances using the integrated towing device.*



*The **2-way vehicle** on a 3-axle chassis is suitable for the street and rails and can be placed onto rails without its own ramp and in close quarters. It can transport the complete equipment for a tunnel vehicle (up to 4,500 kg) and can also derail and tow rail vehicles as needed.*



*The Rosenbauer **FANERGY XL63S** with its 2,500 N axial thrust offers high performance for large-scale emergencies. The body may be mounted on a swap body frame, on a vehicle, or on a two-axle trailer that is braked with compressed air. The tunnel fan can be rotated and swiveled and can, therefore, be flexibly adapted to the fire department's operating situation.*





Where other multi-track fire fighting trucks can no longer penetrate, **quads** from Rosenbauer can venture directly to the operation site. With two models, the ATV (All Terrain Vehicle) POLY QUAD SL100 CAFS with POLY CAFS fire fighting equipment and the UHPS ATV on a Polaris Ranger 6x6 chassis, Rosenbauer offers performance in the smallest space for a variety of requirements.



With the flexible **Osiras** system, fire departments can extinguish, rescue, transport, or protect. The modular body concept for series vehicles consists of three parts: the fixed tool boxes mounted on the vehicle, an extinguishing system tank module in its own frame, and a swap body, which can be transported on any pickup regardless of the carrier vehicle.



*In mining disasters, every second counts. Rosenbauer has developed **mining vehicles** in order to bring emergency crews and equipment safely to the scene both on the surface and underground.*



*For more than ten years, Rosenbauer has produced its own chassis for the most successful ARFF vehicle worldwide, the PANTHER. Even the American market has its own chassis now, with two axle versions and an engine with up to 600 hp for vehicles between 14 and 36 tons of total weight: the **Commander**. It is the safe foundation for the municipal US fire fighting truck from Rosenbauer.*







Wherever fire fighting water is required, but no hydrants or other sources of water are to be found, the **BUFFALO extreme** from Rosenbauer is the ideal solution. Whether in desert regions, vast oil refineries, or on difficult terrain – its tank brings enough water to the scene. Smaller fire fighting vehicles are quickly and reliably supplied and, in case of their failure, the **BUFFALO extreme** can also directly perform extinguishing tasks.



Regardless of where the fire fighting equipment is being deployed for fire protection and disaster control, **logistics vehicles** from Rosenbauer will transport you to any place in the world, even to crisis areas. Nearly every vehicle is equipped with a tail lift in order to provide stowing via roll-on/roll-off containers. Depending on the scene, the vehicle is also equipped with a small pump and small water tank.



The **respiratory protection vehicle** from Rosenbauer, along with its equipment, makes continuous operation possible for fire fighters at the scene. This is possible because the power generator and breathing air compressors refill the fire fighters' SCBAs. A vehicle loaded with heavy SCBAs and reserve bottles thus makes a huge impact on large technical rescue and fire fighting operations as well as diving operations.



# Service & support worldwide.

## Our performance promise for your safety.

### Committed to customer orientation.

Inspection and maintenance services ensure uniformly high quality of all Rosenbauer products. The focus is on flawless functionality, a long service life, and the safety of vehicles and equipment. This is achieved with a solid foundation of customized services that consistently focus on the customer's needs.

### Full service, around the clock.

In operations, only 100% will suffice. Every piece of technology and equipment must work flawlessly. Every tool ready for action. And when something does fail, fire fighters want it back in operation as quickly as possible. One call to Rosenbauer is all it takes for a technician to arrive within 24 hours from the nearest Rosenbauer Service Station.



### High service quality.

Every fire department has unique requirements. To address this effectively, Rosenbauer structures its services to be modular. Services are adapted optimally to the needs of each fire department. As a result, your fleet of vehicles and equipment is maintained and supported on-time and in the most optimal way possible.

### Reliable partner.

You can expect fairness and customer-orientation throughout your dealings with Rosenbauer. Rosenbauer guarantees the availability of original spare parts for many years to come. This provides a solid foundation for high operational safety of all vehicles and equipment.

### Highly qualified, practical, personal.

Technicians from Rosenbauer Service & Support are highly qualified experts who are ready to handle inspections, maintenance, repairs, and product training whenever you need them. Many of them are active fire fighters themselves and they know the requirements. This experience and years of collaboration with customers result in personalized communications and a solid foundation of knowledge about your vehicles and equipment.





■ Service Center ■ Service Partner ○ More than 50 service partners

Rosenbauer ensures that you can depend 100% on your vehicle and equipment during operations. To this end, Rosenbauer provides maintenance, after sales service, and refurbishments through a service network comprising its own branches and international service partners in over 100 countries worldwide.





