



Hydraulic Platforms

All height classes.

In use around the world.

 **rosenbauer**



Aerial rescue at the highest tec

**Two produ
one operat**



Technical level.
Different types,
evolving concept.



Versatile. Unique. Pioneering.

Technological leadership obligates.

As a full-range supplier, Rosenbauer has been providing innovative fire protection solutions for nearly 150 years – from personal protective equipment to custom firefighting vehicles and extinguishing equipment of all types. Born from a passion for fire protection, today the Rosenbauer Group is the global market leader in preventative and defensive fire protection and disaster control. Most of our employees are themselves experienced fire fighters, we know what matters in operations. This know-how influences our developments on an ongoing basis. This is how our significant innovations and ground-breaking technology in fire protection are made – for pros by pros.

Even new developments and advancements for Rosenbauer aerial ladders and hydraulic platforms are based on our practical experience.

Ever-changing operational conditions require immediate and consistent adaptability, meaning that usability to fire departments and emergency crews is always our focus. This is why fire departments all over the world rely on Rosenbauer. Furthermore, our specialists offer integrated solutions and support, even for individual, complex projects.

Rosenbauer is the only full-range supplier for fire protection and firefighting worldwide. Thanks to innovative know-how and the drive to always have our finger on the pulse of the times for the best possible performance, Rosenbauer has become the technology leader in the industry. The highest safety and quality are therefore guaranteed. Today and in the future.

Rosenbauer hydraulic platforms stand for

- Safety and reliability
- Best quality
- Robustness
- Sophisticated functionality
- Innovation and cutting-edge technology
- Intuitive operation
- Attractive design



Metz is known worldwide for technology, competence, reliability, and safety. Many thousands of lives have been saved over the last decades with Rosenbauer aerial ladders. By incorporating into the Rosenbauer Group, Metz Technology has become a competent technology brand and the seal of quality for Rosenbauer aerials. Reliable, innovative, and customized!

New dimensions of aerial rescue.

New heights in successful operations.

Rescue operations depend on the reliability, speed, and flexibility of the operational equipment. Fire fighters are constantly confronted with new local conditions and operational challenges. Because we work closely with rescue personnel, we draw upon their experience to continuously develop products that ensure the best possible safety.

Regardless of whether narrow streets, next to parked cars, or in dense urban parks – the scenes where aerials are deployed differ just as much as the requirements for live loads and functionality. In order to thus provide rescuers access to previously unreachable scenes, our engineers have placed considerable value on a flexible set-up and a compact action radius.

Since many operations occur at night or in conditions of poor visibility, it is especially important that the scene of the operation is optimally illuminated. Rosenbauer has invented a solution just for this purpose in the form of an integrated, sophisticated lighting concept. Rosenbauer's tried and tested height classes are an established constant in aerial rescue. Rosenbauer now offers additional innovative solutions for even more challenging operational heights.



Resilient all-rounder.

The B51 is the optimal hydraulic platform for the European market. Compact dimensions with long horizontal reach unite on a 4-axle standard chassis. In addition to the 3-part telescopic lifting boom and 2-part extendable swivel arm, the B51 has sufficient extra weight reserves for equipping them to customers' requirements with special equipment, industrial supply pumps, modern proportioning systems, and innovative tank solutions. For fire departments outside of Europe with higher permissible vehicle weights, the B51 is also available on a 3-axle chassis.



Second swivel arm.

Models B51, B55, B62, and B90 are equipped with a second swivel arm with a movement radius of 180°. This guarantees even more flexibility and mobility.



Reaching extreme heights.

Built on a standard 5-axle chassis, model B90 sets new standards with reachability of up to 90 m. A special characteristic is the horizontal reach of up to 30 m at a cage load of 500 kg. Thanks to the most modern technology combined with simple operating comfort and a versatile mobile swivel arm, aerial rescues in the field are easier and even safer.



Powerful operation.

With a 2-part telescopic swivel arm, model B62 ensures excellent horizontal reach and even more operational flexibility. Its stable design guarantees safe work under extreme conditions at high elevations.



Maximum horizontal reach.

The B55 is equipped with an extremely robust lifting boom and achieves maximum reach values as a result. High water discharge rates can be achieved, even in operations at high elevations, using the integrated telescopic high water guide. For independent initial operation, the B55 can be equipped with different tanks and firefighting pumps.

Perfectly equipped every operation.

A broad product range.



Height class

Hydraulic platform	B32	B36	B42
Working height	32.2 m	36.0 m	42.0 m
Horizontal reach 1-man limit with cage	26.5 m	32.0 m	24.5 m
Max. cage load	600 kg	630 kg	600 kg
Set-up time	115 sec.	122 sec.	130 sec.
Jacking width	5.93 m	5.93 m	5.50 m
FA version	yes	yes	yes

d for



B51	B55	B62	B90
51.0 m	55.5 m	62.0 m	90.0 m
33.0 m	30.5 m	34.0 m	30.0 m
500 kg	500 kg	500 kg	500 kg
-	-	-	-
6.20 m / 8.70 m	6.20 m / 8.70 m	8.7 m	8.0 m
yes	yes	yes	yes



Aerial rescue for any situation.

Strong performance in urban areas.

Rosenbauer hydraulic platforms offer the highest level of safety and reliability. Many years of experience in the field have resulted in innovative products tailored to a variety of rescue operations - whether in small towns or major world cities. Therefore, Rosenbauer also offers many height classes in a variety of designs to be best equipped for any situation.

Equipped with the most modern control system, continuous jacking width detection, a spacious cage with three entry points, and barrier-free access for wheelchair passengers, our flexible municipal vehicles are ready for any everyday challenge. Thanks to rapid movement times, these compact platforms have become an indispensable tool for fire fighting, technical assistance, and rescue operations – for communal fire departments across the world.



Industrial vehicles for Europe.

Customized concepts for emergencies.

Rosenbauer's outstanding competence and experience is also evident in their industrial vehicles, tried and tested throughout Europe. Rosenbauer offers vehicle solutions specially adapted to customer requirements and delivers all components from a single source – regardless of whether truck-mounted pumps with maximum performance, intuitive operation, efficient foam proportioning, or high volume water, foam, or dry powder tanks.

Even with European axle load restrictions, our hydraulic platforms leave plenty of weight reserves for equipping these vehicles with maximum pump systems and extinguishing agent tanks.





Industrial vehicles for international operations.

Perfect combination of extinguishing and rescue.

Rosenbauer specialty vehicles for industry are in operation around the globe. The hydraulic platforms were specially developed for factory fire departments and for fighting large fires. They allow for rapid assistance in any emergency situation. Thanks to development know-how that goes into every individual vehicle, Rosenbauer guarantees a perfect combination of firefighting equipment and platform technology.

With pump volumes of up to 12,000 l/min combined with an output of up to 6.000 l/min in the rescue cage, these internationally deployed aerial rescue devices can handle any challenge.







Aerial rescue of the highest level.

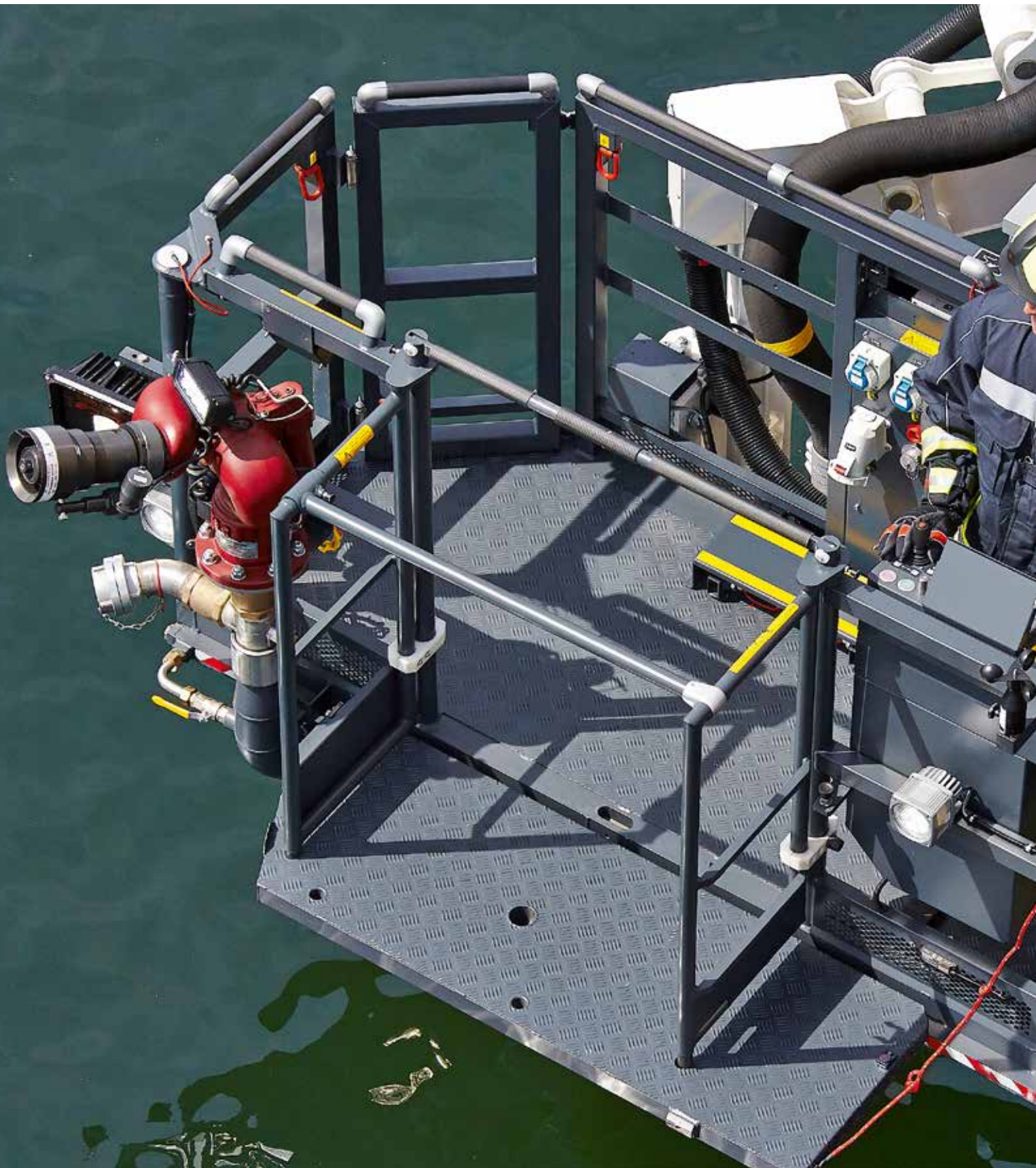
A giant is conquering North America.

The T-Rex model offers reliable high performance for technical assistance, rescue operations, and firefighting in the North American market and anywhere the American fire department standard NFPA 1901 applies. The CAN-bus control system of the European hydraulic platforms combines with the performance requirements of the NFPA standard to make Rosenbauer hydraulic platforms unique. Rosenbauer has produced its own girder chassis for this purpose. The Commander, with its twin cab, is customized for the North American market and can be completely adapted to the needs of the customer.



The highly developed rescue cage.

The highly developed rescue cage.





Core piece of equipment of the fire department.

As a central work space for firefighters, the rescue cage is the most important element of a hydraulic platform. Through decades of experience and constant development, the Rosenbauer rescue cage offers state-of-the-art hydraulic platforms. It can handle all operational situations thanks to its multi-functionality.

The cage of a Rosenbauer hydraulic platform is best suited to the needs of modern rescue operations. Functionality and efficiency are its highest priorities. The many helpful functions that make Rosenbauer rescue cages so unique are harmoniously combined and make tasks even more ergonomic and efficient. It is not without reason that our sophisticated rescue cage has been proven the world over.

Robust design.

The highly developed rescue cage consists of a durable, robust aluminum construction and is manufactured size- and weight optimized. Depending on the version, there is space for up to six people.



Three ways to enter.

Three upright entry points in the rescue cage provide real comfort for entering. Its unique front entry point leaves plenty of room to accommodate a wheelchair user in the cage without hindrance.





Flexible equipment options.

Numerous additional equipment options make the Rosenbauer rescue cage a true multi-talent. The cage can be equipped with rescue winches, diving ladders, breathing air supply systems, high performance ventilators, rescue hoses, camera systems, fall protection systems and much more.

Rotating cage.

The cage swivels 47° to the left and right, regardless of whether or not rescue ladders are installed on the telescopic boom. Thus precise and individual positioning in relation to the object is achieved.



Folding platform.

The platform, which bears a live load of 200 kg, can be folded down. This greatly increases the usable area in the cage, which makes it easier to enter buildings, accommodate wheelchairs, and load heavy duty carriers.



Swiveling stretcher support.

Three different stretcher supports bear a live load of up to 300 kg, thus ensuring flexible accommodations – from simple folding stretchers to heavy duty carriers.



The telescopic boom.

The high art of engineering for safe operations.

The telescopic boom plays a critical role in rescue operations. Thanks to modern construction methods, Rosenbauer hydraulic platforms are equipped with practical, durable, and outstanding telescopic boom sets. High-strength steel paired with a perfect design ensures safe operations and also ease the burden on fire department workshops, thus improving availability for daily operations.



The turntable.

The greatest stability in the smallest space.



Highly developed Rosenbauer turntables are characterized not only by above-average stability and durability, but also minimum overhang with maximum performance. Thanks to the most modern technology and best material use, they guarantee the best possible balance, even at sharp inclinations. In doing so, they satisfy the requirements for an optimal operation.

The body.

Stable body with a clear view of the essentials.

The body used for Rosenbauer hydraulic platforms ensures the best conditions for safe operations. The body is optimally illuminated and offers excellent visibility, even in poor light conditions. The lighting is securely integrated, weather-proof, and illuminates the full top surface of the body as well as the immediate area around the vehicle without any glare effect. The entry points are equipped with ergonomic and optimally designed handles. So emergency crews can concentrate on what's important, namely a safe operation.





The outrigger.

Stabilisation creates safety.

Stabilizing vertical / horizontal outrigger.

Every Rosenbauer hydraulic platform is equipped with a hydraulic vertical / horizontal outrigger for stability. All support movements in the horizontal and vertical direction are continuously controllable within the maximum support range.

Optimal visibility.

Tripping hazards for emergency crews and passers-by are avoided thanks to the sophisticated outrigger contained within the vehicle contour. Optimal visibility and safety are guaranteed as a result.

Narrow operational situations.

Thanks to the unique, continuously adjustable horizontal / vertical outrigger in contour, hydraulic platforms are easily positioned even in tight spaces and extend with cage load by the full extension length of the telescopic boom. Rotating by 360° is also possible with minimal jacking.



Automatic leveling.

Through innovative, automatic leveling, Rosenbauer hydraulic platforms stabilize without problem, even when inclined.

Outrigger adaptable to the terrain.

The outriggers can easily move over obstacles. Hydraulic platforms achieve optimal stability even on uneven surfaces, because each jack adapts individually to the qualities of the terrain or street.





Operating philosophy.

Acting intuitively with a focus on what's important.

Rosenbauer hydraulic platforms are adapted to fast, everyday use and are characterized by easy, intuitive operation. The only way to guarantee safety and reliability in an emergency – from the start of the operation all the way to successful firefighting or rescue.

■ Outrigger



Arrive / parking brake / PTO on.

All relevant functions, such as scene lighting, road protection, and special signaling systems can be controlled centrally from the display.



Outrigger left.

A simple joystick movement extends the outrigger to the left. The jacks extend independently until they contact the ground.

■ Operation



Cage operating panel visible from the main control panel.

The outrigger operator mans the main control panel, while a second firefighter in the cage signals operational readiness.



Everything at a glance.

The cage operator maintains an overview of possible directions of movement and all necessary operating information in every situation.



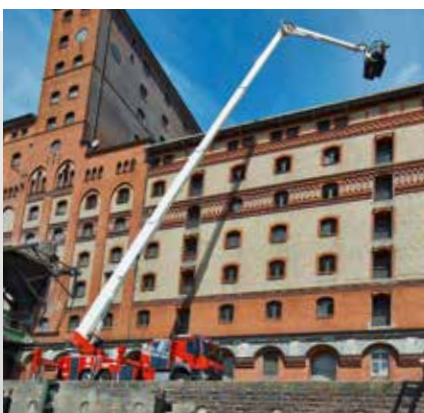
Outrigger right.

If obstacles prevent a jack from extending, it will simply drive over the obstacle. The jacks will extend up to the obstacles one after the other and then lower by 10 cm. Afterwards, all of the jacks can be extended simultaneously using the joystick as usual until the jack operation is complete. The set-up situation is analyzed down to the millimeter and the horizontal reach is calculated accordingly. The set-up situation is constantly monitored throughout the process.



Automatic leveling.

Even in inclined positions, Rosenbauer hydraulic platforms stabilize without a problem. Thanks to automatic leveling, all uneven surfaces are safely compensated for.



Everything is safe.

As soon as the operation begins, the safety system monitors all operational situations and also protects the operator.



A clear overview.

Load monitoring constantly provides the operator with exact information as to the remaining load capacity. This allows the operator to fully use the field of operation up to the free standing limit without losing time or having to change over.

Internationality.

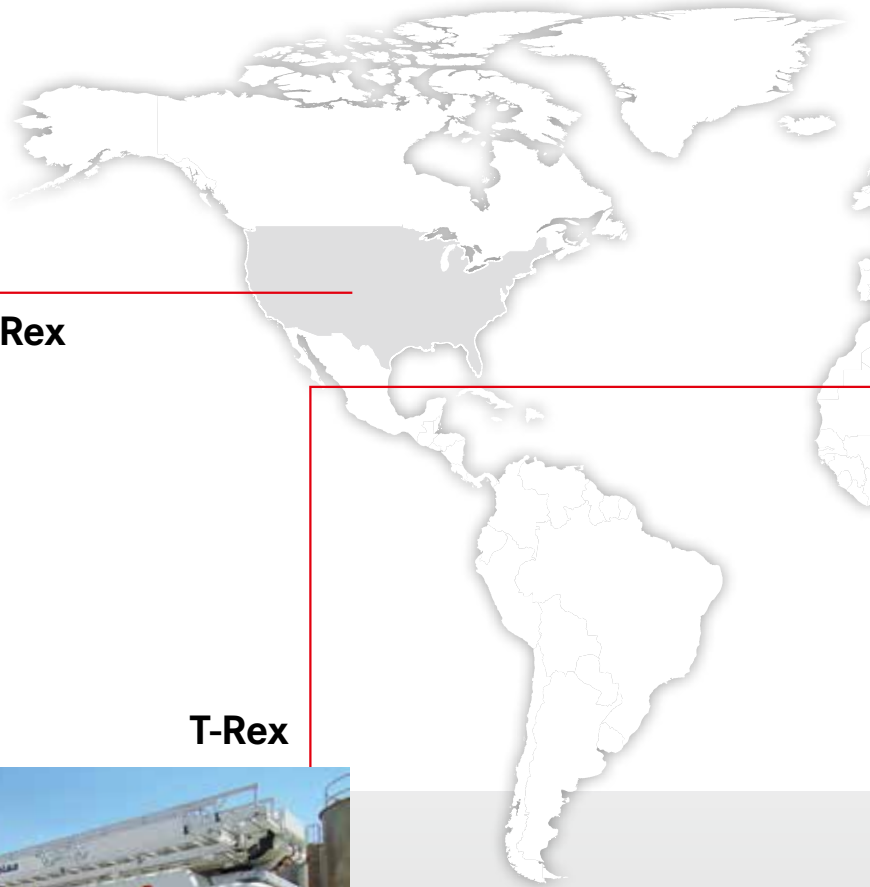
In operation around the globe.

Whether freezing cold or sweltering heat, -40 °C or +50 °C, a Canadian winter or a Saudi Arabian desert: Rosenbauer aerial ladders are built for every possible extreme situation. Rosenbauer hydraulic platforms are used by fire departments on every single continent to save lives and protect property.



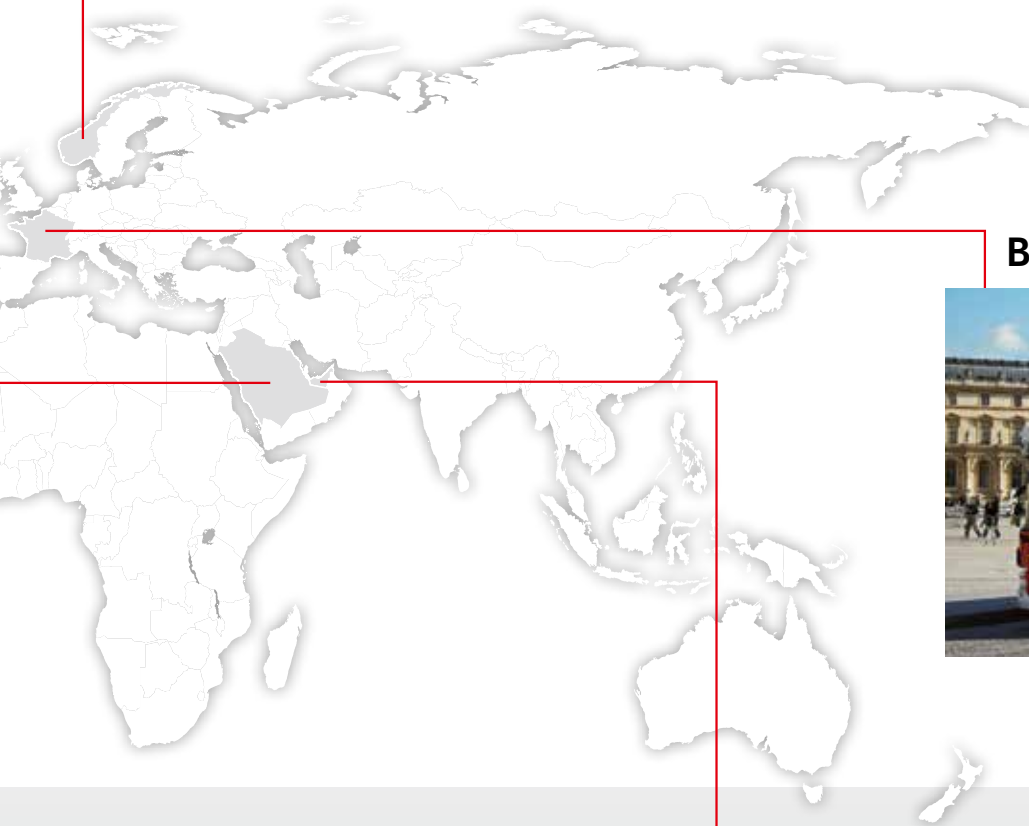
T-Rex

T-Rex





B32



B32



B32



Production. Fabrication. Quality assurance.

Trust the technology leader.

Quality you can count on.

Rosenbauer hydraulic platforms are high-tech products at the highest technical level. Production is done in a synchronized station assembly by experts, the large majority of whom we have trained ourselves. Quality monitoring is ensured through automated inspections and integrated quality gates – regardless of whether small components or entire vehicles are concerned.

Since many employees are themselves experienced firefighters, each expert lends years of experience to our developments and competent support services. From the beginning to the end of a project, comprehensive support and constant exchange with the customer ensure that all requirements for the individual design of aerials are fully and completely satisfied. The result is a true customer focus. And real satisfaction.





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, firefighters 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 firefighters 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 Partners ○ more than 50 service partners

Rosenbauer ensures that you can depend 100% on your vehicle and equipment during operations. To this end, Rosenbauer provides you with maintenance, customer service, and refurbishment through a service network consisting of factory-owned subsidiaries and international service partners in more than 100 countries around the world.



