



CL

Compact Line

Municipal vehicles from 7 to 13 tonnes

Visibly more in the body.

 **rosenbauer**



FEUERWEHR

TGL 12.250

HLF 10

CL



TF 2115



CL light superstructures.

Innovative and powerful.

Pressure on fire departments is growing: fewer and fewer emergency crews are available, the budget is tighter. At the same time, tasks and operations are becoming ever more complex. With the Compact Line (CL) series, Rosenbauer has developed a modern, compact and powerful municipal vehicle. Thanks to the light and space-saving sandwich construction, it is possible to produce superstructures from thinner load-carrying shells, without interior profiles or transverse panels. Furthermore, an additional load-carrying subframe is not required. This provides a great deal of space for crew and equipment even at low weight-bearing capacity, without having to sacrifice safety and performance.

The CL light superstructure is very small and compact. This is also a clear advantage in underpasses, low-ceilinged fire stations, entrance doors and narrow alleys. In spite of its lightweight structure, the vehicle is stable and maneuverable.

Rosenbauer is setting new standards here - in shape and design.

Your partner for municipal vehicles.

Rosenbauer is the leading worldwide technology and service provider for defensive fire fighting and disaster control. For more than 140 years, its name has been synonymous with significant innovations and ground-breaking technology in the manufacture of fire fighting vehicles 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 municipal vehicles that are just right.



- Spacious superstructures with maximum loading volumes
- Deceptively low body weight
- Low body, access and removal heights
- Wide range of perfectly coordinated fire fighting equipment





Iveco Daily

With integrated crew cab. And all-wheel drive.

The Iveco Daily is an all-terrain vehicle offering an enormous loading capacity thanks to its low weight. Plenty of load capacity is still available even when fully loaded.

The interior can be designed to your individual requirements, because no fixed predefined vertical partitions break up the flow, so uniform loading room is available. All of the equipment can be removed quickly and easily. The integrated crew cab offers enough space for up to 4 SCBA holders. So the SCBA crew can equip themselves while driving to the scene.

The Iveco Daily is also available as all-wheel drive and still retains a low removal height for the equipment. Despite the high load volume, the vehicle is still very compact and maneuverable and brings benefits with its low dimensions. Standard CL series.

Technical info

- Iveco Daily 70C17
- 4x2 or 4x4
- Crew 1+5 or 1+8
- Wheelbase 3,750 m
- 7 t (Original twin cab)
- 7.2 t (Integrated crew cab)



Mercedes Benz Atego. MAN TGL.

Very maneuverable. Flexible body.

Thanks to the narrow CL body with only a slight overhang, both vehicles maintain their high maneuverability. Also on these chassis, when designing the interior, individual wishes and requirements can be optimally implemented with up to four full height lockers, as no internal body panels get in the way.

For both chassis there are two design options: either with the original twin cab or an integrated crew cab. Split roller shutters are installed for the version with the original twin cab and a vehicle width of 2,500 mm. The version with the integrated crew cab includes a large area electrical enclosure and has a vehicle width of 2,300 mm.



Technical info

- MB Atego 818F, 924, 1226F, 1329F
- MAN TGL 8,180 / 8,220 / 8,250 / 10,180 / 10,220 / 10,250 / 12,180 / 12,220 / 12,250;
- Wheelbase 3,320 mm (Orig. twin cab)
- Wheelbase 3,600 or 3,900 mm (Integr. crew cab)



The free space of the CL. Lack of space is a thing of the past.

More crew and equipment thanks to minimal body weight.

The innovative, light and spacious superstructures of the CL series offer a huge amount of space for equipment and crew. The minimal body weight allows maximum equipment volumes for the highest degree of safety and complete comfort.

Large full height lockers. And electric roller shutters as standard.

Much more equipment is able to be stored thanks to the well-thought-out modular system of the CL series, clearly arranged and safely stored in up to four full height lockers without limiting interior body panels or cross braces. Here we offer a high degree of flexibility in interior design.

The low height of the CL superstructures also has another benefit: All of the equipment can be comfortably removed without having to climb up a hinged step.

Modern lighting. Safe roof use.

Integrated surrounding and rear lighting with modern halogen and LED lights as well as LED illuminated push buttons facilitate operations at dusk and night.

Even the space on the even and continuous roof can be put to optimum use. A rear-mounted ladder with roof climbing handrail ensures safe access.

The uniform electric roller shutters built in as standard¹⁾ on each side and at the rear and full height equipment lockers open and close at the touch of a button – from outside or centrally from the driver's cab. The large body openings can be opened immediately by the driver at the scene of the emergency. This saves valuable time and the emergency crews quickly have all equipment to hand. If the vehicle is parked and off-duty, the entire vehicle locks automatically and the valuable equipment is safe from theft.

¹⁾ On demand also with manually operable roller shutters.



Electric roller shutters

COMFORT - the flexible stowage system.

The COMFORT stowage system, Rosenbauer's own development, is characterized by safe, simple and ergonomic operation as well as an extensive parts program. The function of the device fixings, the device manipulation systems and the device carrier is optimally coordinated with the layout of the full height lockers.

Equipment of up to 220 kg can be stowed in the rotating pull-out tray. In operation this means: Pull. Swivel. Remove. No matter whether it's a portable fire pump, power generator or other equipment. The lowering devices are easy to operate through fix-mounted pneumatic hand lever valves.

The COMFORT lowering system simplifies the handling of even higher loads of up to 450 kg. There are compact solutions like the equipment module, drafting point or UHPS with water tank. And, naturally, your completely individual lowering system.



Pull-out wall



Crew cab.

Space and convenience in operation.

Crew cabs from Rosenbauer offer more safety, convenience and space. The overall ergonomic concept of the crew cab optimally supports the fire fighters in action.

The continuous and even cab floor reduces the risk of stumbling, the even ceiling prevents you from hitting your head. The interior of the crew cabin is fitted with high-quality synthetic parts and a dirt-repellent synthetic floor. This looks good, is skid-resistant,

and makes the cab easy to clean. Illuminated LED handrails on the inside of the roof and 3 handrails near the doors provide additional support. In addition, equipment can be stored in neatly integrated storage spaces: in seat compartments with space-optimized sliding systems and behind the folding steps.

- Uncompromising capacity for 1+5 or 1+8 persons
- All seats with safety belt
- Up to 4 SCBA holders can be integrated
- High, wide pivoting doors for safe entry and exit
- Large full height lockers for equipment



Storage space in sliding systems

Original twin cab

The original twin cab offers space for a crew of 1 + 5. It is fitted with two seats in the center for the water troop, in the direction of travel. This allows optimum communication with the team leader and a clear view forwards of the operational event. Two additional folding seats for the SCBA crew are arranged facing away from the direction of travel, each outside next to the door. Those needing breathing protection can put on the SCBA units quickly, safely and comfortably during the drive to the scene, making them ready immediately.

Integrated crew cab

The integrated crew cabin – optionally in a layout for a crew of 1 + 5 or 1 + 8 – offers a lot of space for the crew. All seats are fitted with headrests, tested 3-point seat belts in the direction of travel outside and tested 2-point seat belts inside. Additionally up to 4 SCBA holders, 2 SCBA holders each simultaneously toward and against the direction of travel, can be fitted, corresponding to the German fire fighting truck standard. There is also the option of comfort seats with 3 integrated SCBA holders against the direction of travel according to the Austrian standard. So SCBAs can easily and comfortably be fitted during the trip.



Storage space in seat bench box



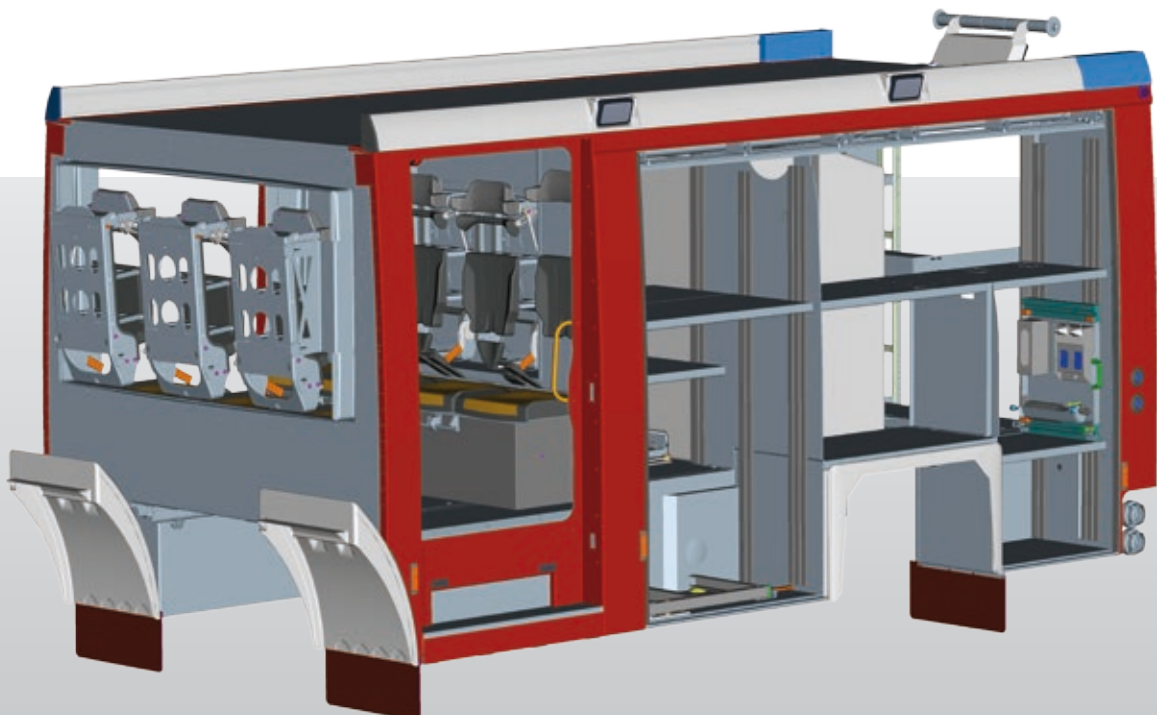
The CL lightweight construction.

Professional construction. State-of-the-art technology.

The CL modular system – many options.

Thanks to our well thought-out CL modular system, you have a large choice in the individual design of your body, the interior and the equipment solutions. Your advantages:

- Adapted to different chassis
- Optimum body width of just 2.1 and 2.3 m or with split roller shutters 2.5 m
- Short overhand of just 1.6 m
- Wheelbases of 3.6 m and 3.9 m
- Maneuverability, stability and excellent driving behavior thanks to low center of gravity
- Excellent weight distribution on the axles
- Optimum loading concept
- Extra wide rear opening of 1.4 m
- Tank sizes from 500 – 2,000 liters



We ensure the production diversity of the CL light superstructures with our professional construction processes and the use of state-of-the-art technology.



CAN-Bus – state-of-the-art technology for the fire department.

The modern CAN-Bus system allows quick and easy control of all control elements.

Your advantages:

- Highest operational safety
- Less cabling and lower weight
- Clear, quick operation from driver's cab
- Rapid and permanent self diagnosis
- Quick error diagnosis
- Tested quality
- Maximum reliability
- Multiple use of components
- Clear and quick assembly

Tested peak performance

The CL body concept has successfully passed 50 hours of continuous operation in all-terrain tests for 25 years of service life and 25,000 km of running time.



Freedom of choice for chassis.

The CL superstructure fits on different chassis.

Rosenbauer's concept is simple: you choose the chassis and series and tell us what requirements you have for your new vehicle and which components are important to you. Then our experienced sales advisors put together a customized fire fighting vehicle with you and support you during the entire manufacturing process and beyond.

On the basis of our sophisticated CL series, we construct your individual CL body with the aid of innovative 3D CAD technology. Already in the development phase we rely on highly advanced instruments, such as FEM, for strength optimization and for maximum weight saving.

Once the design of the vehicle has been completed on the computer, light laser-cut and bent aluminum sheets are built with modern adhesion and screw techniques in clearly defined work processes. Sandwich panels strengthen the whole at a low body weight. Our light and high-strength CL superstructures are created with these self-supporting and torsion-resistant, as well as corrosion-resistant, aluminum and ribbed CL superstructures.



State-of-the-art construction technology.

Standardized components are created in consistent and methodically-organized manufacturing processes with controlled quality assurance at all stages. All parts fit together perfectly. This production guarantees consistently high quality, professional service and a secure supply of spare parts over a long period of time.

The CL is also a pioneer when it comes to environmental protection. This is because it fulfills the latest EURO 6 exhaust emissions standard and is largely made from recyclable materials.

Superior performance also during extinguishing.

Customized extinguishing systems for the CL superstructure.

At the heart of every fire fighting truck is the fire fighting equipment. Especially for small vehicles, Rosenbauer has developed a large selection of extremely powerful fire fighting systems, which can be optimally integrated into the light and space-saving superstructures of the CL series.

All fire fighting equipment is developed, manufactured, and optimally integrated in your individual body module by Rosenbauer. This gives you the security of an extinguishing system that always functions flawlessly. Best performance with absolute robustness and long service life. So you can always rely on your extinguishing system.

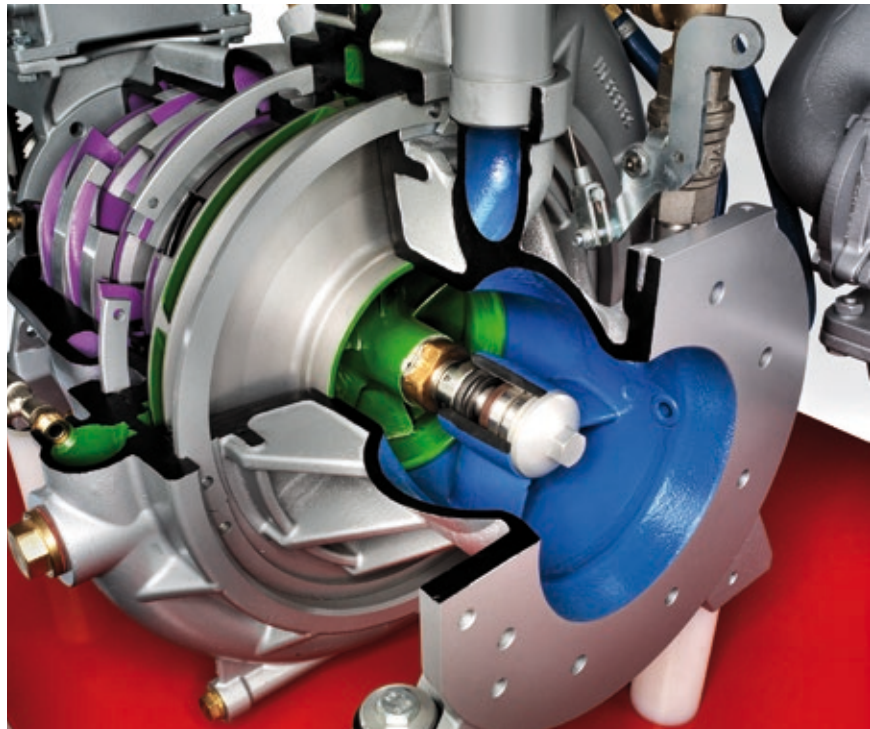


NH25 combined normal and high pressure pump – well-equipped for operational use.

The pumps of the NH series combine all the advantages of the N pumps with those of a four stage high pressure pump. Optimum axial thrust equalization is given by the arrangement of the normal and high-pressure impellers opposite each other. No additional gearbox is required for the high-pressure pump.

The water supply of the high pressure pump can be turned on and off by a selector valve at any speed. Radial impellers make the high pressure pumps impervious to dirt. So they do not need their own filter system. The surface curve reduces pressure surges when closing the HP nozzles. In addition to the pump output of the N pump, at high pressure it is possible to discharge an output of up to 400 l/min at 40 bar^{*)}.

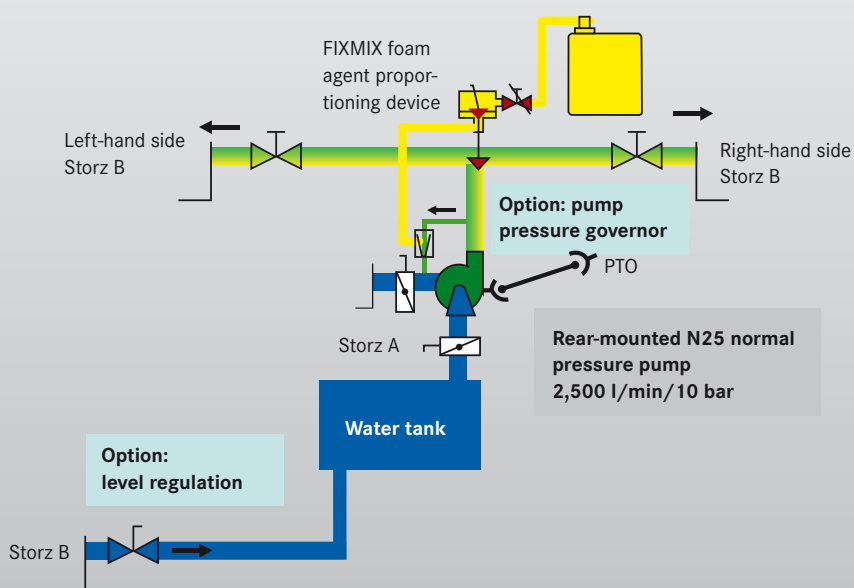
^{*)} Pump outputs always depend on the corresponding PTO.



NH25 - combined normal and high pressure pump

N25 normal pressure pump - constant power.

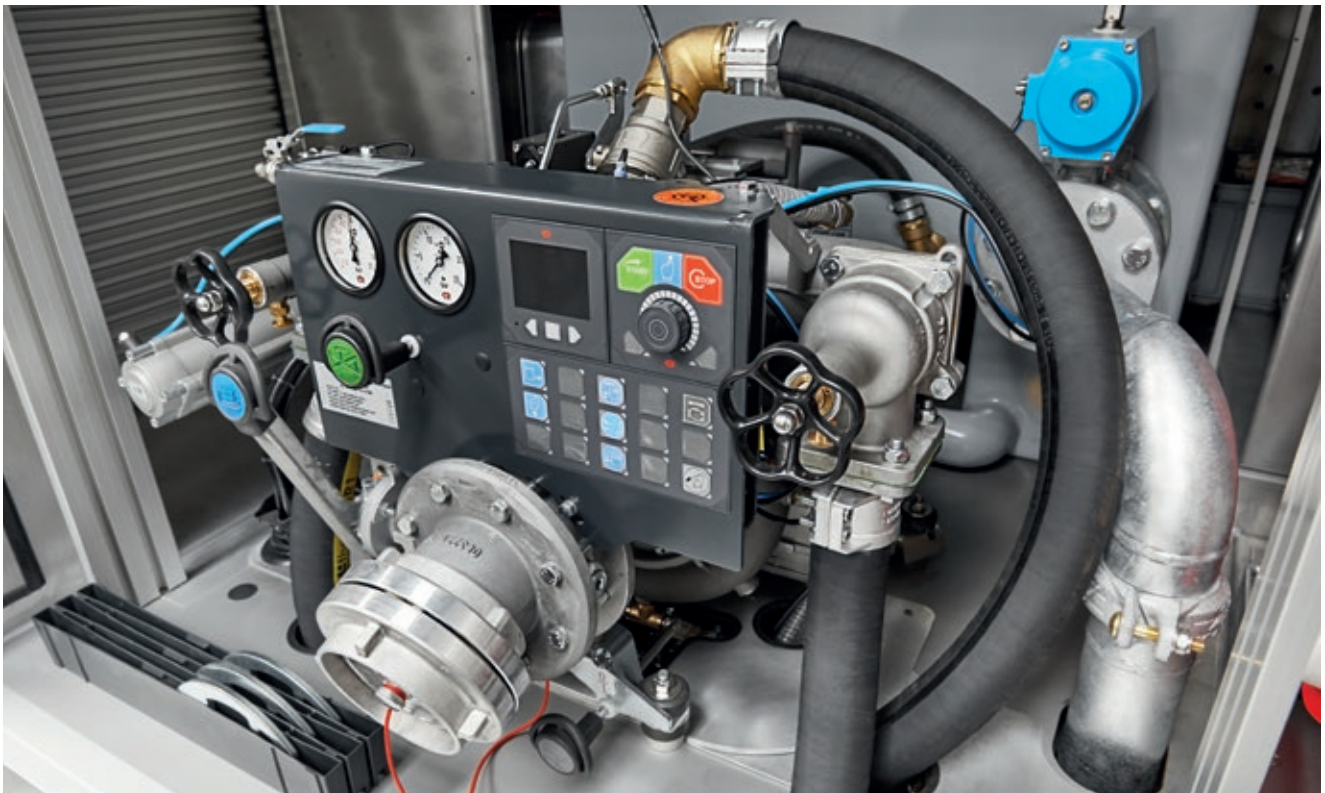
The single-stage centrifugal pump achieves an optimum degree of efficiency thanks to the spiral housing. It is characterized by its characteristic surface pump curve. Pressure surges during opening and closing the nozzles are reduced to a minimum. The pump performance ranges up to 2,500 l/min at a flow rate of 10 bar^{*)}.



Operation is ergonomic and easy to control via the control panel, both mechanically as well as electronically. The display elements are arranged clearly above the operating elements. The FIXMIX cost-effective, mechanical foam compound around-the-pump foam proportioning system, with up to 3 selectable proportioning ratios, can easily be integrated into the pump. This proportioning system always automatically adjusts to the corresponding flow. Even the electronically-controlled direct injection foam proportioning system can be integrated into the operation of the pump.

N10 normal pressure pump - compact power package.

The compact dimensions and the low weight make the N10 unbeatable as a built-in pump. For a pump output of up to 1,500 l/min and a pump performance of 10 bar pressure, even a very low drive output of 38 kW is sufficient. The built-in rear version is very compact, like the underfloor version, and has all outlets mounted directly onto the pump. Through this, the underfloor installation offers the largest possible loading volume for minimum space requirement.



FOX – highest performance for lowest weight.

The FOX portable fire pump, with an output of 1,600 l/min at 10 bar, offers the highest performance for the lowest weight and impresses with its simple operation via LCS.





LCS (Logic Control System) – ergonomic operation of all Rosenbauer pumps.

With the LCS, the most varied of pump functions, such as foam proportioning systems, CAFS systems and generators, can be operated. The main control panel is illuminated in color and proceeds from top to bottom. This allows the user to immediately find their way in the operating field. For flawless operation even in poor light conditions and at night all functions are illuminated.

UHPS – highest pressure for rapid fire fighting.

Perfectly suited for the requirements of rapid fire fighting. Driven either via a gasoline engine or directly via a PTO the pump delivers 38 l/min at 100 bar pressure. Extensive tests in Austria and the USA have shown that with 100 bar alongside the optimum pressure level of atomization also a sufficiently high water supply can be discharged to cover a broad area of application. The UHPS is equipped as standard with a 60 m non-collapsible high pressure hose. With the combination nozzle is it possible – without interrupting extinguishing – to switch between full and spray jet, as well as to use the foam pipe.



FOX S portable fire pump – in a class of its own.

The completely redeveloped FOX S portable fire pump is an impressive new class between FOX and OTTER. Its high output of more than 1,000 l/min at 10 bar, according to EN 14466, in addition to its small width of 640 mm, allows for completely new applications. The drive engine is a 2-cylinder series engine optimized for use in the most adverse weather conditions, thus guaranteeing the highest operational safety.

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 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, customer service, and refurbishments through a service network comprising its own branches and international service partners in over 100 countries worldwide.



