



# The new PANTHER

ARFF vehicle

Faster. Stronger. Safer.

Follow the next generation!

 **rosenbauer**

# The new PANTHER.

Faster. Stronger. Safer.





# The new PANTHER.

## The next generation.

The PANTHER from Rosenbauer is one of the most successful, efficient and reliable ARFF vehicles worldwide. Its multi-award-winning design and powerful performance makes it the most modern firefighting vehicle today.

Rosenbauer has continued to develop the PANTHER 4×4 and 6×6 vehicles in order to offer emergency crews even more safety, operating comfort, and extinguishing capability. The next generation of the PANTHER excels with new and innovative features, maximum power, safety and, functionality.



The new PANTHER: the next generation of ARFF firefighting and emergency response.

## Your partner for innovative firefighting vehicles.

Rosenbauer is the leading worldwide technology and service provider for airport emergency vehicles. For over 150 years, the name has been synonymous with significant innovations and ground-breaking technology in the manufacturing of all types of firefighting trucks and extinguishing systems.

The majority of our employees are themselves experienced firefighters. That's why they know what's important for ease of operation and maintainability.

# Right sizing for your airport.

One size does not fit all.

Providing the right equipment to meet your needs.

The Panther is offered in three configurations. A 6x6 with High Reach Extendable Turret, 6x6 and 4x4 models. Rosenbauer will work with you to customize your vehicle to meet your specific requirements.

With the Panther, Rosenbauer offers custom system integration of chassis, body and fire fighting components from a single source.



6 Panther 6x6



Panther 6x6 w/HRET



Panther 4x4

# The innovations of the new PANTHER.

More safety, performance, comfort, and driving dynamics.

**Tried and tested standard – new features.**

The company’s strength in innovation has made the PANTHER the most successful and well-known ARFF vehicle worldwide. The new PANTHER is also full of innovations, which make it even faster, stronger, and safer.

With the optional Birdview System, for example, a realistic image of the whole environment around the vehicle is produced, This ensures greater safety in operation.

The user-optimized control panel enables a better view of the outside and all the operational activities through its reduced dimensions.

With the new features, the PANTHER meets and exceeds the requirements of the current standards for NFPA, FAA and ICAO.



**Innovations for maximum safety.**

The newly developed FEM-optimized and crash-tested ECE R 29-3 driver’s cab guarantees the best possible protection for the crew. The newly designed front gives the PANTHER a more distinctive appearance and provides the crew with improved visibility. The cab instruments have a new arrangement, which is more ergonomic and functional, and also noticeably maximizes the use and operating comfort of the PANTHER.

The optional tire pressure control warns if tire pressure is too low and allows the driver to react directly. Also, the optional side airbags, as well as the belt-tensioner for the side and rear crew seats, ensure even more passive safety during accidents by reducing the risk of injury from impacting the outer vehicle wall.



ECE R 29-3 Cab Frontal Impact Test.

More safety.

Achieving the best possible safety of a firefighting vehicle and its occupants is a primary goal of the PANTHER's further development. New features, such as an optimized all-round view, the crash-test-proven cab, an innovative light design, Roll Stability Control, and Anti-Collision Guard, make driving and extinguishing even safer and more efficient for all crew members.

More performance.

All firefighting components in the PANTHER are developed, manufactured, and optimally integrated into the vehicle body by Rosenbauer. This guarantees a reliable, strong extinguishing system in every operational situation. Newly developed components like the pump, proportioning system, and turret have significantly increased the firefighting performance of the new PANTHER.

More usage and operating comfort.

When everything must be fast in an emergency, every action must be correct. The new PANTHER offers more freedom of movement for the driver and crew in the cab. The ergonomically optimized arrangement of the operating elements and the new design of the joystick simplify any operational situation.

More driving dynamics.

The new PANTHER goes from 0 to 50 mph in under 28 seconds\* thanks to its 700 HP engine and 6-speed gearbox. The lowered center of gravity of the vehicle allows an excellent driving dynamic in every operational situation - whether on-road or off-road.

\*Depending on total weight.



Rosenbauer is the world's largest firefighting equipment supplier, with vehicles, extinguishing technology, equipment, and telematic solutions, as well as being a pioneer in the sector with its innovative strength.



Increased visibility with larger front and side glass

Integrated additional displays for infrared and color cameras as well as EMEREC DEVS

User-optimized control panel

Optional Folding center console

Illuminated turret operation

Enhanced service accessibility for cab electronics

High tech standard.

Many years of experience, creative minds, highly qualified technicians, and industrial fabrication at the highest level are the foundation of the high-tech standard of the new PANTHER. Flexible fabrication possibilities allow for custom-tailored solutions.

# Highest technological level.

More power. More performance. More options.



Increased extinguishing capability.

Rosenbauer has also developed the firefighting components of the new PANTHER further with competence and many years of experience. New pumps, proportioning systems and turrets increase the extinguishing performance of the world's strongest ARFF vehicle.

The improvements and innovative features of the new PANTHER enable larger outputs, better ranges, and the output of large amounts of extinguishing agent from ground level.

Innovations for best performance.

The development and production of firefighting systems and extinguishing components is one of Rosenbauer's core capabilities. For more than 100 years Rosenbauer has developed and manufactured their entire range of firefighting systems.

The firefighting components of the new PANTHER form a completely integrated system. Pumps with an output of up to 2100 GPM/8,000 LPM with suitable automatic foam proportioning systems, roof and bumper turrets for an output of up to 2100 GPM/8,000 LPM for a throw range of up to 300 ft/92 M, HRET booms, CAFS compressed air foam systems, as well as high and ultra-high pressure extinguishing systems, are possible variants. The elements of the fire fighting components that have been developed further, such as turret, bumper-mounted turret, and pump, make the new PANTHER even more powerful.



The firefighting components built into the PANTHER are a fully coordinated, powerful system that was completely developed and manufactured by Rosenbauer with the operational demands in mind.

Highlights:

- New RM35 Turret
- HVLA bumper boom turret with RM 35 (Optional)
- New N 80 centrifugal pump
- New Fixmix 2.0 proportioning system

# User-oriented functionality.

More room. Clearer overview. More efficient.

Easier to operate – quicker to react.

The new, ergonomically-optimized joystick with backlit buttons ensures clear and easy operation of the turret. And with increased visibility overhead without the risk of glare. The folding center console enables a quick change between driver and passenger seat as well as a direct exit on the opposite side. The step compartment allows the loading of the rear compartment up to the lower body edge and quick handling through the new opening design. The full-height compartment on the left side is significantly longer, creating more space for equipment. All important areas such as access, pump compartment, rear compartment, and the full-height compartment is optimally illuminated.



Optional Folding center console

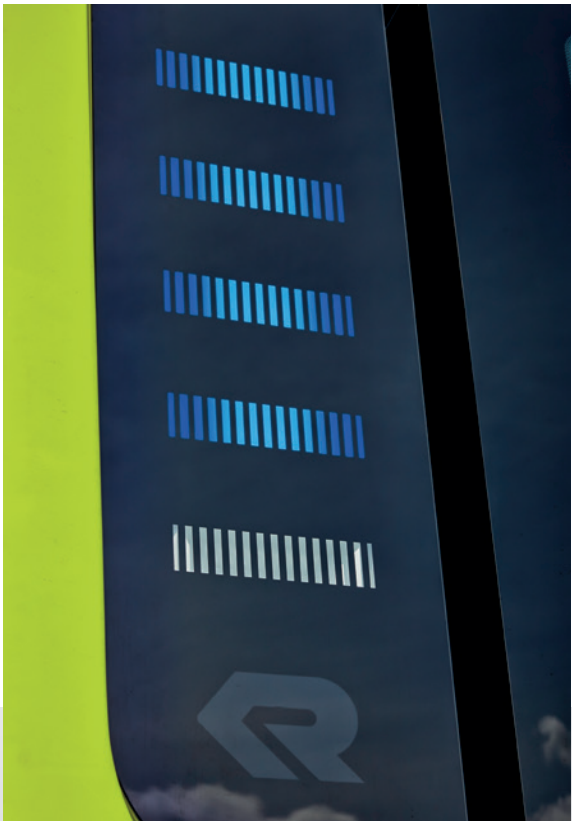


Joystick

All innovations and improvements in the area of usage and operating comfort are aimed at better ergonomics, visibility and freedom of movement for the operation of the new PANTHER.



Cab with roof window



External tank indicator



Storage compartment

Excellent maintenance and serviceability.

- Optimized maintenance access
- Easier access to components
- Ability to check oil levels from the driver's cab at the press of a button
- Easy access to the electronics through folding control panel covers
- Removable floor mats for easy cleaning

Innovations for more usage and operating comfort.

The improvements and innovative features of the new PANTHER enable a better overhead view in the cab and easier control of the turret. The driver's cab impresses with its space-optimizing design as well with additional storage compartments and stowage options



Pump compartment illumination

Highlights:

- Consistent and intuitively backlit operating system with LCS 2.0 and new joysticks
- New external tank display that is visibly better from all angles, even in daylight
- User-optimized ergonomic control panel, in which the switches sit exactly where they are needed.

