



PANTHER Tactical Simulator

Close to reality.

 **rosenbauer**

Knowledge creates safety.

PANTHER Tactical Simulator - Close to reality.



Rosenbauer - A good partner for safety.

Rosenbauer is the worldwide leading technology and service provider for defensive firefighting and disaster control. For more than 145 years, its name has been synonymous with significant innovations and ground-breaking technology in the manufacture of firefighting vehicles and extinguishing systems. Rosenbauer offers municipal extinguishing vehicles and aerial rescue equipment,

airport, industrial and specialty vehicles, extinguishing systems, equipment, stationary extinguishing systems, and telematic solutions. We have optimized the management of emergency vehicles through the integration of innovative information technologies. We set benchmarks in the communication between man and machine.

Your reaction saves lives.

Innovative. Safe. Individual.

Operational training with the PANTHER Tactical Simulator.

Particularly as aircraft accidents at airports are rare, optimal preparation is the key to a successful operation. Reaction times are very short, every action taken in an emergency must be just right.

To make sure the crew can react intuitively in dangerous situations, Rosenbauer has developed the PANTHER Tactical Simulator, a simulation system of the highest level. The simulator makes it possible to train for situations that could never be re-created in real life, such as the use of foam agents.



210° projection with boom and monitor in field of view to realistically experience the virtual operation.

Experience for airport operations.

In the PANTHER Tactical Simulator, you and your team practice operating your technically demanding vehicles on one hand, and specific tactics at the corresponding airport on the other. The simulator can be programmed to integrate all runway traffic. Through the range of events that can be simulated, it is possible to constantly set new and individual training focuses. Training on the simulator helps you get the most out of your training budget, but it also reduces your environmental impact since no actual water, foam, fuel, and gas need to be used.



Experience reality - Down to the smallest detail.

A PANTHER driving compartment is used for the most realistic simulator experience possible. The cockpit therefore matches every detail of the vehicles that are in operation in airports around the world. Through the information provided by the trainer, who accompanies the simulator exercise, you are immersed in the operation. Turning on the engine, getting the multi-ton PANTHER moving and mastering the training scenario as quickly and effectively as possible, that is now the goal.

Depending on the operational scenario, either a burning, upside down wreck awaits you or a smoking plane that was unable to lower its landing gear before landing. To manage the operation, you have to keep track of many things. Where is the wind coming from? What is the starting place? When the PANTHER approaches the aircraft from the proper direction, the extinguishing process can start. The joysticks for controlling the bumper turret, the STINGER or a roof turret, are of course also built into the cockpit in original design.



PANTHER driving compartment in front of 210° screen.



More safety thanks to simulation systems from Rosenbauer.

The very realistic experience is made possible by the 210° screen with a diagonal size of eight meters in front of the PANTHER cockpit. A further screen is mounted above the driver's head. On the front right you can see the turret represented in true detail, while the STINGER or the RM60 monitor can be seen above your head.

You will be supported by the trainer, who is always watching what is happening during training. After every simulated operation it is reviewed. An unprecedented review option is offered by the „Flying Eye“. The recorded training can then be analysed from a bird's eye perspective from all desired viewing angles.

PANTHER Tactical Simulator:

- Original PANTHER driving compartment
- Original cockpit
- 210° screen with 3 projectors incl. edge-blending
- Instructor station
- User and trainer seat
- Mirrors screen
- Roof windows screen

Simulator training from Rosenbauer.

To get a firefighting vehicle quickly to the scene of an accident on an airfield, assess the situation in the shortest amount of time and to precisely extinguish it is risky and also demanding mentally and physically. For more driving practice and safety, Rosenbauer offers a world-class simulation system with the PANTHER tactical simulator to train driving behaviour and to optimize reactions.

- The aim of the simulator training is to optimize your reaction times and processes in risky operational situations.
- You learn how to recognize critical situations, how to avoid them and how to react appropriately.
- Training includes furthering core competences in problem recognition and implementation of standardized reactions in dangerous situations.



Realistic training for emergency situations.

Train realistically and lower costs.

Training with the Rosenbauer PANTHER Tactical Simulator has many advantages. Operational training in the simulator is much cheaper than real-life training. And scenarios can be used, which are impossible in conventional training. Additionally, a training unit can be repeated until every action is right, time allowing. The training results are reproducible and thus enable the continuous further development of your team.

PANTHER Tactical Simulator impresses with:

- Optimized training effects
- Reduced training costs
- Large variety of incidents
- Analysable (Flying Eye)
- Environmentally-friendly

Technical data

Screen dimension:	8,000 mm diameter 4,000 mm height
Cabin dimension:	3,000 mm x 3,000 mm x 2,500 mm
Instructor & commander station:	each 3,000 mm x 2,000 mm
Power supply:	240 VAC



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