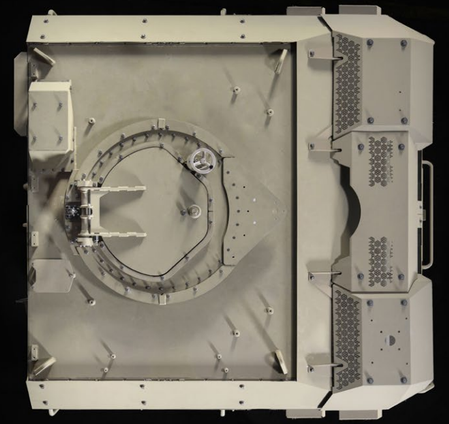
CABINS

TATRA DEFENCE



CABINS

ARMORED CABINS OF THE TDV

TATRA DEFENCE VEHICLE (TDV) has many years of experience in the development and production of armored vehicles for a wide range of purposes. The company's portfolio also includes the development and manufacturing of armored cabins with various levels of ballistic and mine protection in accordance with STANAG standards, designed for the Tatra vehicle series.

TDV also provides modifications of cabins and their interiors to ensure compatibility with standard unarmored versions. The cabins are delivered in various configurations, including two-door and four-door variants, with a crew capacity of three to five members.

MODEL RANGE

TATRA FORCE

For this model range, TDV has developed a two-door armored cabin for a three-member crew. The cabin provides ballistic and mine protection at Level 3.

MODEL RANGE

DAF

As part of the project for the supply of DAF CF Military logistics vehicles for the Belgian Army, based on the Tatra Phoenix model range, TDV has developed and manufactures armored cabins for these vehicles in a two-door configuration. These armored cabins, featuring high ballistic and mine protection, can also be installed on vehicles equipped with standard cabins, with the replacement possible even under field conditions.

TECHNICAL AND CONSTRUCTION SOLUTION

All TDV armored cabins have an interior identical to standard Tatra cabins, including the dashboard and control elements. This ensures a seamless transition between versions for the crew.

Special seating provides protection for the crew against the effects of mine and IED blasts. The cabin-to-frame mounting system is designed to allow quick replacement between armored and unarmored versions.

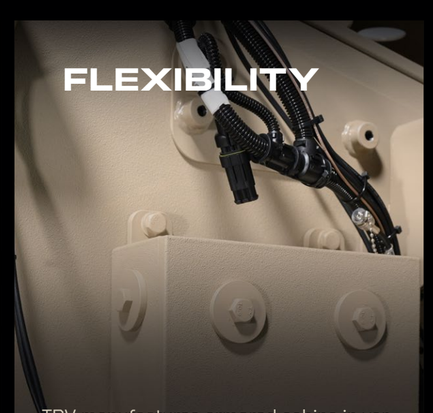
The cabins support the installation of weapon mounts for systems up to a caliber of 12.7 mm.

PROTECTION

Armored cabins produced by TDV represent the technological forefront and offer the highest level of ballistic and mine protection in their category. TDV has its own development facilities, and the cabin development process includes thorough ballistic and blast resistance testing under real-world conditions. These tests are conducted in cooperation with expert institutions and certified government authorities.

The cabin design also allows for the installation of mounts for crew-operated weapons intended for vehicle protection, as well as the integration of remotely controlled weapon stations.

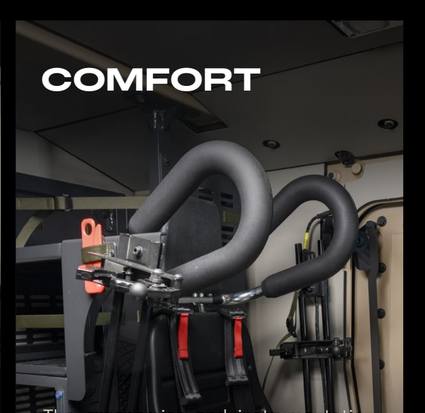
FLEXIBILITY



TDV manufactures armored cabins in various configurations and protection levels. Available options include two-door and four-door variants with seating capacity for two to five personnel. The level of ballistic and mine protection is tailored to customer requirements, ranging from Level 1 up to Level 3 and higher, in accordance with STANAG 4569 standards.

The cabins can be installed on a wide range of vehicles – from combat systems such as howitzers, rocket launchers, and air defense systems, to command vehicles and carriers of electronic and communication systems, as well as logistics, support, or engineering vehicles.

COMFORT



The ergonomics and instrumentation of the armored cabins are fully or largely identical to those of standard cabins, allowing crews to operate both vehicle variants easily and effectively. The interior is equipped with special seats that protect the crew from the effects of explosions beneath the vehicle while also providing a high level of driving comfort over long distances, without compromising the crew's combat readiness.

MODEL RANGE

TATRA PHOENIX

For this model range, TDV has developed and manufactures armored cabins with varying protection levels, from Level 1 to Level 3 according to the STANAG 4569 standard. The cabin design allows for an upgrade in protection level upon user request.

Level 1 cabins are delivered in several modifications, differing mainly in roof design (flat or with a pressed profile), the number of roof hatches, and interior layout. They are available in both two-door and four-door versions.

Level 2 cabins were developed in cooperation with Israeli partners. They have a capacity of 3 to 5 personnel and allow for an upgrade in protection up to Level 3.

The latest generation of armored cabins (third generation) incorporates advanced structural and technological features, achieving protection levels of up to Level 3. These cabins are designed for easy replacement with standard versions.


SAFETY

POWER | MOBILITY | SAFETY