

TATRA DEFENCE VEHICLE

TITUS 6x6

WHEELED ARMoured VEHICLE



CRUISING RANGE

700 KM

CREW

3 + 10

SPEED

110 KM/H

CHASSIS

6x6

BALLISTIC PROTECTION

MAX.
LEVEL 4

MINE PROTECTION

MAX.
LEVEL
4a / 4b



TATRADV.CZ

POWER ■ MOBILITY ■ SAFETY

TATRA
DEFENCE
VEHICLE



The TITUS (Tactical Infantry Transport & Utility System) armored vehicle belongs to the MRAV (Multi-Role Armored Vehicle) vehicle category and is the result of cooperation between TATRA DEFENSE VEHICLE (TDV), Tatra Trucks and KNDS France. It is characterized by strong armour and a high degree of crew protection, despite its weight it has very good mobility and drive ability in difficult terrain. TITUS is close to a heavy truck with its driving characteristics and handling. In addition, compared to armoured personnel carriers, it provides better ergonomics, more interior space for the driver and crew, as well as a view from the cabin.

The design of the TITUS vehicle ensures a high level of protection for the crew, the armoured body of the vehicle is directly mounted to the subframe of the chassis. It has ballistic and anti-mine protection reaching level 2 to 4 according to NATO standards, systems that eliminate the effects of chemical, biological and nuclear weapons are installed in the interior. Exceptional mobility is provided by the proven Tatra 6x6 chassis with a central backbone tube and independent air-suspended half-axles, while the first and third axles are steerable. Thanks to this, the outer turning radius of the vehicle is only 13 meters. The air suspension system also makes it possible to change the ground clearance of the vehicle while driving.

The vehicle is powered by a 10.8-liter liquid-cooled Cummins in-line six-cylinder diesel engine with an output of 373 kW and a torque of 2102 Nm, which is connected to a fully automatic six-speed gearbox and a two-speed auxiliary gearbox. Alternatively, the TITUS vehicle can also be equipped with air-cooled Tatra diesel engines. Steering of the first and last axle contributes to excellent manoeuvrability, excellent drive ability in difficult terrain is due to the same wheelbase between all axles and a fully automatic tire inflation system.

For the Army of the Czech Republic, TDV has developed three special versions of the TITUS vehicle – wheeled armoured command and staff vehicle (KOVVŠ), wheeled armoured communication vehicle (KOVŠ) and fire support coordination post (MKPP). KOVVŠ and KOVŠ vehicles are intended for communication and information support and interoperability of the command-and-control system at the brigade, regimental and battalion level. MKPP are intended to ensure communication and information support of artillery units.

Thanks to its high level of modularity, TITUS can be deployed in various roles and configurations, from infantry fighting vehicle, ambulance, command vehicle, self-propelled mortar to repair vehicle, radio equipment carrier, communication, reconnaissance vehicle, special police vehicle, etc. TITUS is, despite its high ballistic and mine protection, adapted for strategic transport in the majority of currently used medium and heavy category transport aircraft.



Photo is property of KNDS France

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