

TITUS®

At the leading edge for high intensity
and complex missions

KNDS



/ TITUS®

AT THE LEADING EDGE FOR HIGH INTENSITY AND COMPLEX SECURITY MISSIONS

TITUS® has been designed to answer an evolutive worldwide demand for hybrid warfare: from counter-insurgency missions to high-intensity warfare. Thanks to its robust architecture, TITUS® provides a rugged off road mobility combined with a high payload capability and unique manoeuvrability performances. It is therefore fully capable to operate in difficult terrain conditions – including the desert – as well as in confined urban environments and mountain areas.

As an APC, TITUS® main mission is to transport an Infantry Squad while providing an optimized level of protection and adequate fire support capabilities



Platform

- - APC;
- - Command Post;
- - Self-Propelled Mortar Carrier 120mm;
- - Armoured Ambulance;
- - CBRN (Recce);
- - EOD.

Missions

- Conventiional warfare
- Counter terrorism
- Combat in built up area
- Peace enforcement
- Border control

Mobility

- TATRA – T815 chassis
- Turning circle between kerbs adapted to urban area
- Significant payload growth potential
- COTS maintenance and reliability
- Obstacle clearance
- Rapid acceleration and efficient breaking

Protection

- Ballistic: Evolutive from level 2, KNDS FR RPG protection
- Mine protection: up to 4a/4b
- IED: up to 150kg

Human integration

- Tactical pivoting seat in front vision and optimized collaborative dialogue with the squad
- Hatches, rear ramp and side doors for easy ingress/egress
- Large interior volume for personnel equipment storage
- Perimeter vision

Fire power

- From 7.62mm up to 25mm
- 40mm grenade launcher

High tech equipment

- Recce UGV (KNDS Nerva LG Robot...)
- BMS
- Jammers, shot detectors, additional equipment
- Day/night sights, perimetric vision
- Tethered drone for forward observation

/ TITUS® features and specifications



Weight And Dimensions

Unladen weight: 17t
Operational weight: 23t
Maximum gross weight: 27t
Width: 2.55m
Height: 2.73 m (roof)
Length: 7.77 m
Ground clearance: 0.3/0.4/0.5m

Protection

Standard:
- Ballistic level: 2 to 4
- Mines level: 3A/3B until 4A/4B
- IED blast: from 50 to 150kg
Higher levels upon request

Mobility

Engine: 500HP
Running gear: Semi-independent stub axle. Tyres: Michelin 16.R20, SYEGON® CTIS and flat-running system
Steering: Steering axle # 1 and 3. Turning circle: 13m

Performance

Range: 700km
Maximum speed: 110km/h
Slope: 60%
Step: 700mm
Ground clearance: 450mm
Side slope: 30%
Fording: 1.2m without preparation

Human Integration

Crew: 3+10 or 2+12 depending on configuration
Interior volume: 14.4m³
Storage capacity: 2.4m³ inside, 1.5m³ outside
Ramp and openable side doors
6 front side windows and roof hatches

Outside Vision

One front windscreen and two side windows (transparent armour)
One rear ramp window with firing port
Three side windows on each side in the rear compartment (option)

Liveability

Air conditioning / heating system (weather conditions A1/C0/C1 optional)
Air renewal: 240m³/h
Full NRBC (as optional)

Energy

Four AGM 12V – 120Ah batteries
One alternator delivering 370A

Fire power

RWS 7.62 mm up to 25 mm
Grenade launcher 40 mm



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K2V-010-EN-06/2024