

TITUS[®]

Tactical Infantry Transport & Utility System

A FULLY MODULAR FAMILY OF MULTIROLE VEHICLES



A 100 % MISSION ADAPTABLE VEHICLE
A CONCENTRATION OF HI-TECH SOLUTIONS
A MINIMAL LOGISTICS FOOTPRINT

nexter
SYSTEMS



TATRA TAKES YOU FURTHER

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ON TATRA CHASSIS

TITUS® is the ultimate armoured vehicle, designed to deal with all the constraints of modern hybrid TRUCKS, the prime contractor for the Czech and Slovak armed forces, Nexter's TITUS® continues and ARAVIS®, all combat-proven in many theatres of operation. The vehicle combines Nexter's expertise with the unique chassis supplied by TATRA EXPORT. Tactical commanders can now call upon a 6x6 environment. TITUS® is the multirole armoured vehicle of the 21st century. From infantry transport functions, from peacekeeping operations to counter-insurgency, TITUS® brings unrivalled technology.

TATRA CHASSIS DESIGN

The unique TATRA chassis design consists of a central backbone tube and air-suspended independent swinging half axles gives to the vehicle exceptional torsion and bending resistance. Air suspension offers comfortable transportation for the crew with a high speed even in the rough terrain while the vehicle and its systems are protected against shocks and vibrations.



MOBILITY

- Heavy-duty TATRA 6x6 chassis, air-suspended independent swinging half axles, 1st and 3rd axle steered, turning diameter 13 meters
- Gradeability 60 %, side slope 30 %, trench 1.2 m
- Engine 500 HP, Speed 110 km/h
- Tyres 16.00 R20 with runflats, central tyre inflation system

MODULES

- A family of modules that respond to the full range of mission types.
- A range of 'pre-defined' operational kits to rapidly adapt the vehicle to local tactical priorities.



TRANSPORT

Armoured Personnel Carrier - APC



COMMAND & CONTROL

Command Post - CP



FIRE SUPPORT

Self Propelled 120 mm Mortar - SP 120 MORT



MOBILITY SUPPORT

Engineers - ENG



RECOVERY

Service

mid warfare. Developed in close cooperation with TATRA
 a long and proud lineage including Leclerc MBT, VBCI
 extensive experience and state-of-the-art technology
 <6 vehicle that is customizable for a constantly evolving
 t to combat support and combat service support
 ogy and the Nexter touch into the heart of the action.

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PROTECTION

- Ranging from Level 2/2a/2b to Level 4/4a/4b
- IED protection up to 150 kg TNT
- Unique Nexter SAFEPRO[®] design to ensure crew survivability
- Nexter RPG protection (PG Guard[®])

HUMAN INTEGRATION

- Collaborative layout (driver, gunner, commander and squad)
- Ramp: Safe run type, easy ingress and egress (280 mm ground/ramp step)
- Internal volume: Over 14 m³
- Crew and squad: Up to 2+12, or 3+10

FIREPOWER

- Main weapon from 7.62 mm to 20 mm gun
- 40 mm grenade launchers
- Embedded 120 mm SP mortars

HIGH TECH EQUIPMENT

- Recce UGV embedded (Nexter Nerva[®] LG Robot)
- Can use legacy BMS or Nexter BMS FINDERS C2[®]
- Jammers, shot detectors, additional equipment
- Day, night and perimetric vision

SCALABLE OPERATIONAL ENVIRONMENT KITS

- Peacekeeping operations
- Conventional warfare (additional ballistic protection)
- Counter-insurgency (additional mine / IED protection)
- Counter-terrorism (assault ladder)
- MOUT (PG Guard[®] IED protection)

AN INNOVATIVE VISION FOR THE COMBAT VEHICLE



TARGET ACQUISITION

Forward Support Team - FST



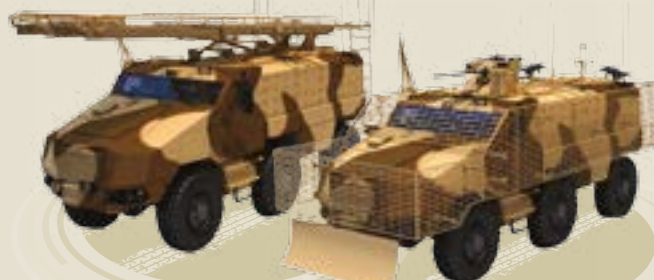
MEDICAL SUPPORT

Ambulance - AMB



RESUPPLY

Cargo



URBAN AREA

Unmanned Vehicle for Intelligence Collection (Nerva[®] LG)
 Assault ladder for investigating buildings



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MAIN CHARACTERISTICS

WEIGHT AND DIMENSIONS	Curb weight:	17 t	Width:	2.55 m
	Combat weight:	23 t	Height:	2.73 m (roof)
	Gross weight:	27 t	Length:	7.72 m
			Ground clearance:	0.3/0.4/0.5 m
PROTECTION	Standard:	Rear compartment: level 2; power pack: level 1; windows: level 2; mines level 2A/2B; IED blast: 50 kg		
	Combat:	Rear compartment: level 3; power pack: level 2; windows: level 3; mines level 3A/3B; IED blast: 100 kg; IED splinters: 155 mm		
	Additional:	Rear compartment: level 4; power pack: level 3; windows: level 3 + additional protection; mines level 4A/4B; IED blast: 150 kg; IED splinters: 155 mm; RPG protection		
MOBILITY	Power pack:	Engine: 500 HP; automatic gearbox (6+1)		
	Power train:	All-wheel-drive, 6x6 off-road, 6x4 on road; 2-speed transfer case, axle- and interaxle differential locks		
	Chassis:	Central backbone tube with independent swinging half axles, air suspension, wheel hub reduction; Michelin 16.00 R20 tyres with runflats, central tyres inflation system SYEGON, adjustable height and clearance		
	Steering:	1 st and 3 rd axle steered; 13 m turning diameter		
	Braking system:	6 wheels drum brakes; ABS		
PERFORMANCES	Range:	700 km		
	Maximum speed:	110 km/h		
	Slope:	60 %	Side slope:	30 %
	Step:	700 mm	Fording capability	
	Square wall:	450 mm	without preparation:	1.2 m
HUMAN INTEGRATION	Crew:	3+10		
		Modular capacity up to 2+12		
	Internal volume:	14.4 m ³		
	Stowage capacity:	2.4 m ³ inside, 1.3 m ³ outside		
	Ingress-egress:	Rear ramp, 2 front side doors, 1 Commander hatch, 1 Gunner hatch, 2 roof LMG rear hatches		
OUTSIDE VISION	1 front windscreen and 2 front side windows			
	1 rear ramp window with fireport			
	Fitted for 3 side windows in the rear compartment			
LIVEABILITY	Air conditioning/heating system (weather conditions A1/CO)			
	Air exchange: up to 240 m ³ /h			
	Fitted for CBRN system			
ENERGY	4 batteries AGM 12 V-120 A.h			
	1 alternator delivering 370 A at 28 V, fitted for 570 A			
FIREPOWER	Ready for any kind of RCWS from 7.62 up to 20 mm and 40 mm grenade launcher; weapon mounts on the roof			
MODULES	<ul style="list-style-type: none">■ APC customizable through mission kits: Sniper, Support (81 mm mortar), MRAT, Recovery, Engineers■ Target acquisition■ Command post■ Ambulance■ Self propelled 120 mm mortar Other modules available upon request			



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