4×4 ARMOURED TACTICAL VEHICLE

ZETOR GERLACH

ZETOR GERLACH 4×4 ARMOURED TACTICAL VEHICLE reflects new combat and safety aspects resulting from the new/existing skills and experiences gained in military operations of the 21st century.

MODULAR ARMOUR PROTECTION

- Modular armour protection safety cabin 2 + 4, 2 + 3 and 2 + 2 for combat and tactical armoured versions
- Ballistic protection level according to STANAG 4569 Volume 1 level 3
- Mine protection according to STANAG 4569 Volume 2 level 2a, 2b, optional level 3a, 3b
- Safety cabin: protection by additional modular plating with double floor equipped with anti-mine „V“ shield
- Safety cabin resistant to IED traps according to STANAG
- Weapon system as required by the customer

MOBILITY AND DYNAMICS

Weight (t) Versions	(A) 12,5 t	(B) 12 t	(C) 12 t
Crew	2 + 4	2 + 3	2 + 2
Max speed	125 km/h		
Distance to empty	800 km (220 l fuel tank)		
Chassis	engine 326 HP, 1300 Nm, 6-speed automatic transmission, frame construction, independent suspension		
Dynamics	26,1 Hp/t	27,1 Hp/t	27,1 Hp/t
Logistics	STANAG 2165 TRUCK, RAILAWAY, AIRBUS 400 M		

SPECIFICATIONS

BASIC SPECIFICATIONS

- STANAG 4569 Volume 1 level 3, Volume 2 level 2a, 2b
- CBRN and Air condition

OPTIONAL EQUIPMENT AT REQUEST

- STANAG 4569 Volume 2 level 3a, 3b
- Weapon and communication systems

Zetor Gerlach underwent a whole range of difficult, and often even extreme, tests.

COMFORT AND ERGONOMICS

SPACE FOR CREW – SAFETY CABIN (2 + 4)	7,7 m^3
(our own solution with special safety elements)	
Modular cargo space	2,3 m^3
Cargo – useful load	1,5 t
Length × Width × Height	5,65 m × 2,5 m × 2,5 m (14R20)
Wheel base	3,6 m
Turning radius	7,5 m
Tires	14 R20 CTIS

- Comfortable independent suspended sprung axle system
- Interior equipped with special noise damping and anti-vibration materials
- SUBSYSTEMS: CBRN, chemical protection, communication systems, central tire inflation system (CTIS), data and voice communication.

RELIABILITY

- **ZETOR GERLACH, THE VEHICLE THAT USES EU COMPONENTS.** The strategic goal was to build a genuine EU vehicle, and therefore all main components have been manufactured in cooperation with EU partners and renowned European manufacturers.
- The vehicle is easy to operate and has low service cost.

roll angle 40 %

trench crossing 1 m

vertical obstacle 0,5 m

wading depth 1,2 m

grade ascending ability 70 %

A PROFESSIONAL PARTNER IN RESEARCH, DEVELOPMENT AND SUPPLY OF VEHICLES FOR DEFENCE INDUSTRY

ZETOR ENGINEERING CZ started working on the 4×4 ATV concept 3 years ago in close cooperation with Zetor Engineering Slovakia, a.s., members of the group of HTC INVESTMENTS a.s. group, ENGINEERING sector.

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