

**Zetor**  
ENGINEERING



lateral heel static 62,5 % while driving 57 %

trench passage 1 m

vertical barrier 0,5 m

fording 1,2 m

climbing 60 %



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A professional partner in the field of research, development and delivery of vehicles for defence industry

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4x4 ARMOURD TACTICAL VEHICLE

**ZETOR GERLACH**

# THE 4x4 ATV ZETOR GERLACH ARMoured VEHICLE

incorporates new combat and safety elements reflecting the skills and experiences gained in the 21<sup>st</sup> century military operations.



ZETOR GERLACH 4x4



## MODULAR ARMOUR PROTECTION

- Modular armour protection – safety cabin for 2 + 4 persons and for various combat and tactical versions of 4x4 Zetor Gerlach vehicles
- Ballistic protection level according to STANAG 4569, AEP55, Vol. 2, Level 3
- Mine protection according to STANAG 4569, AEP55, Vol. 2, Level 3a, 3b
- Safety cabin: crew protection by additional modular plating with double floor equipped with an anti-mine „V“ shield



## MOBILITY AND DYNAMICS

Crew	2 + 4
Maximum speed	117 km/h
Distance to empty	600 km in a combined terrain (off-road, off road, road – 30 %, 30 %, 40 %)
Chassis	engine 240 kW (326 HP); torque 1,300 Nm; 6-speed automatic transmission; frame construction; independent suspension
Logistics	truck; railway; Airbus 400 M; Hercules C 130 H; IL-76 MF; C 160 Transall
Turning radius	7,5 m



## COMFORT AND ERGONOMICS

Space for a 2 + 4 crew – safety cabin	7,7 m <sup>3</sup>
Exceptionally quiet cabin	65 dB
Modular cargo space volume (fitting a fully loaded EURO pallet)	2,3 m <sup>3</sup>
Payload	2 000 kg
Length x width x height	5,92 m x 2,55 m x 2,60 m
Tires	14 R20 CTIS
Wheel base	3,6 m

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



## RELIABILITY

- **ALL ZETOR GERLACH COMPONENTS COME FROM THE EU.** The strategy was to manufacture a genuine EU vehicle, and therefore all main components were manufactured in cooperation with EU partners and renowned European manufacturers.
- Vehicle is characterised by simple operation and low service cost.