

Zetor
ENGINEERING

lateral heel static 62,5 %
while driving 57 %

trench passage 1 m

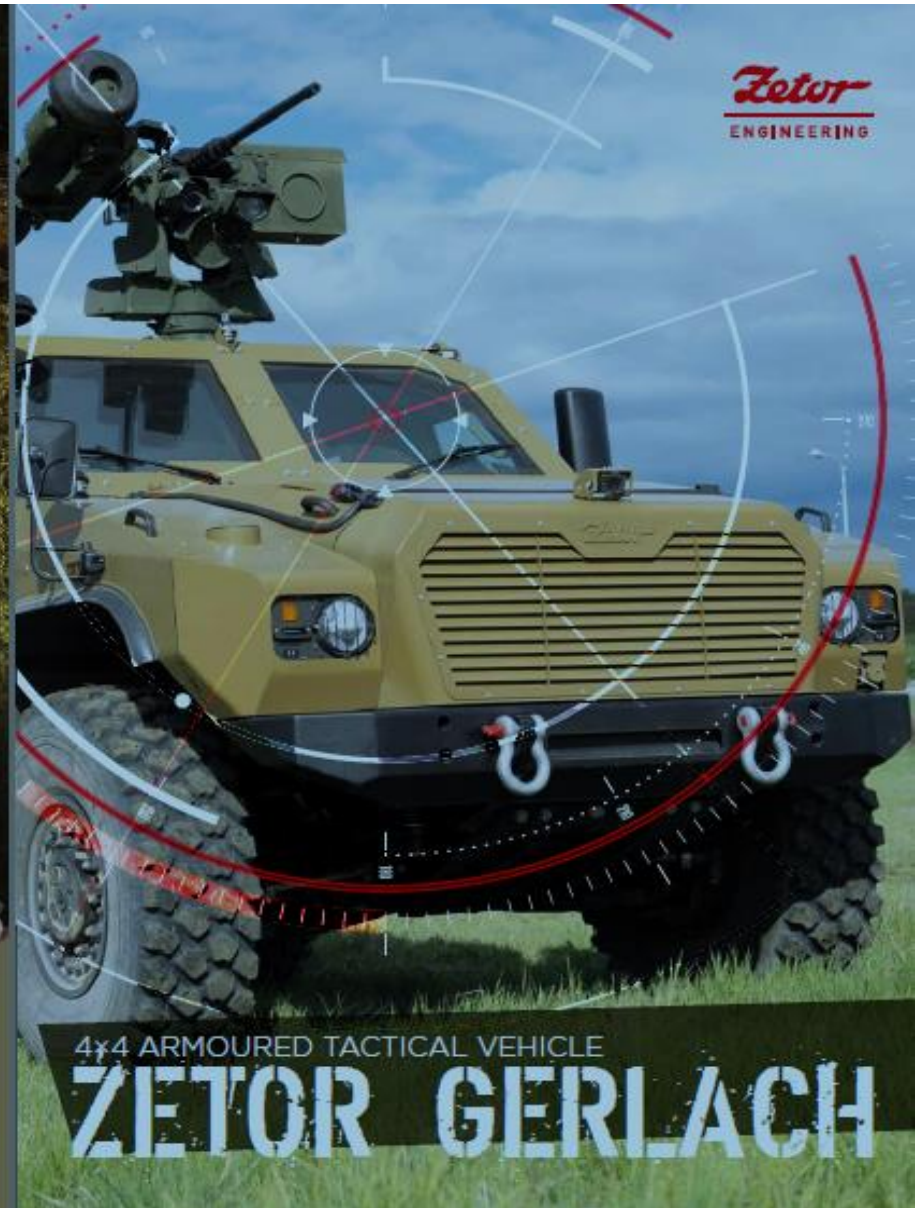
vertical barrier 0,5 m

fording 1,2 m

climbing 60 %

45° 45°

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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 21st century military operations.



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	75 m



COMFORT AND ERGONOMICS

Space for a 2 + 4 crew – safety cabin	7,7 m ³
Exceptionally quiet cabin	65 dB
Modular cargo space volume (fitting a fully loaded EURO pallet)	2,3 m ³
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.