

Zetor

ENGINEERING



ZETOR GERLACH 4X4 RDV



ZETOR GERLACH 4x4 RDV is a Rapid Deployment Vehicle built on the proven chassis of the ZETOR GERLACH 4x4 series. The vehicle is characterized by high driving dynamics, ballistic and anti-mine protection, as well as excellent movement in the field. It is designed for the needs of special forces, or forces of rapid deployment.

The vehicle is ready to transport a six-member crew with equipment, including armament. The vehicle is equipped with a full-fledged Emergency seat in case of emergency, which can be used if necessary to place a rear shooter.

The vehicle superstructure was designed with an emphasis on a high degree of modularity of the structure and allows to combine armaments and equipment according to specific conditions of deployment.

The superstructure is fitted with anti-mine safety seats in two rows, which can be adjusted in the longitudinal direction and are equipped with four-point seat belts.

The sixth seat, designed for a shooter sitting against the direction of travel, is placed in the rear part of the vehicle (it is folded in the transport position). The vehicle is equipped with holders for the crew's personal weapons, a mechanical turret on the roof of the superstructure and articulated arms with mounts for two machine guns. The design of the turret allows the assembly of the main weapon - a heavy 12.7 mm machine gun - and the ATGM launcher.



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BASIC DATA: GERLACH SK	
Length	5920 mm
Width	2550 mm
Height	2600 mm
Engine power	240 kW /326 Hp
Torque	1300 Nm
Transmission	6 speed automatic
Chassis frame	Ladder gantry
Axles	Independently suspended
Tires	14R20 Central inflation CTIS
Wheelbase	3.6 m
Weight	max. 10,2 t
Payload	3 t
Components	European Union

DRIVE	
Ground clearance	465 mm
Front approach angle	45 °
Rear approach angle	45 °
Side slope	57% drive, 62.5% static
Drive in a vertical climb	60%
Vertical step	0.5 m
Trench crossing	1 m
Fording w/o preparation	1.2 m
Turning radius	7.65 m
Max. speed	117 km / h
Fuel tank	220 l
Range	600 km combined terrain
SAFETY	
STANAG 4569 ballistic protection	Volume 1 to shoulder height
STANAG 4569 mine protection	Volume 2 level 2a, 2b
AEP 55 safety cabin	Crew 2 + 4 + 1 "V" Shape Double floor
SYSTEMS AND LOGISTICS	
Subsystems	CTIS, COMUNN
Weapon and communication systems	According to the customer
Logistics	STANAG 2165, C-130 Hercules, Airbus A400M



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