



LAZIKA

INFANTRY FIGHTING VEHICLE



OUTSTANDING PERFORMANCE WITH HIGH SURVIVABILITY

LAZIKA is a new generation, tracked modular vehicle with high mobility, superior protection and excellent survivability.

Modular design, unique monocoque hull and modern high grade materials make LAZIKA a capable lightweight IFV and universal platform for various missions. Armament of LAZIKA can be easily changed according to the mission giving the vehicle flexibility to meet requirements of modern armies for any mission, anytime, anywhere.

Thanks to the tracked chassis and precise weight distribution, LAZIKA is a high stability platform with excellent cross country performance at any terrain in any weather conditions.



Advantage

- Unique design and precise engineering.
- STC DELTA's own development low weight/high grade protective materials.
- Superior protection of crew members against kinetic and mine blast threats.
- Available add on armor kit to further enhance vehicle protection level.
- Excellent survivability.
- High power to weight ratio.
- Tracked chassis for excellent cross country performance.
- High reliability and easy maintenance
- Powerful armament even in basic modification.
- Modular design enabling mounting of different type of weapons.






Excellent cross country performance

The tracked chassis gives LAZIKA excellent cross country performance, together with specially designed components and powerful engine LAZIKA is ready for any mission at any terrain. Precise weight distribution further enchases LAZIKA's technical characteristics, with high angles of approach/departure and side slope there is no insurmountable barrier for LAZIKA. Able to ford on x depth without preparation LAZIKA can cross the water obstacle rapidly.

Mobility

- High speed on both paved and unpaved road.
- Proven chassis for various road conditions.
- High power to weight ratio.
- Unprepared water fording capability.
- Precise weight distribution for excellent stability.
- High maneuverability





LAZIKA

MULTIPURPOSE PLATFORM

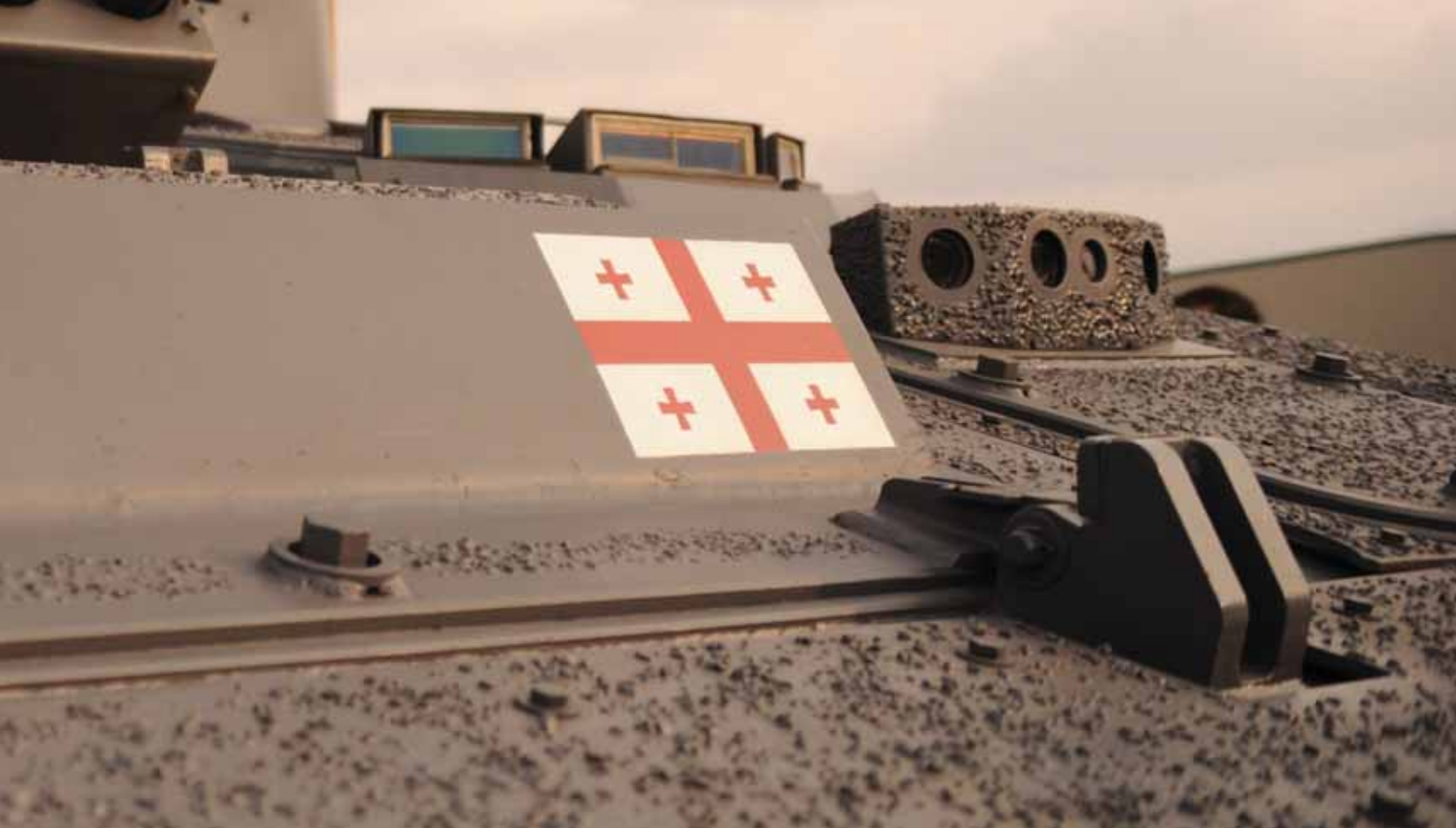
Engine and Drivetrain

- Powered by 6 cylinder V type diesel engine .
- High power to weight ratio.
- Modern gearbox for fast and efficient torque conversion.
- Low fuel consumption and maintenance cost
- Superior reliability

Superior Protection

- STANAG 4569 Level 4 protection against kinetic threats in basic model.
- Excellent mine resistance.
- Add on armor kit for additional protection.
- Specially shaped hull to further enhance vehicle protection capability.
- Seats designed for safe, comfortable ride and impact absorption. Seat belts for safe cruising.





Armament

- Armament in base model – remotely controlled weapon station, with day/night vision camera and
- FLIR armed with 23mm (2A14) gun and twinned 7,62mm PKT machine gun.
- Modular design allows mounting of different types of armament.
- Ideal platform for MLRS, SAM, ATGM or other weapons.

One platform different missions

LAZIKA is designed with many purpose capabilities in mind, therefore it is a good solution not only for the armies seeking cost effective, highly protected and exceptional firepower IFV, but also a highly stable, capable and proven platform for different various missions.

From basic Infantry fighting vehicle optionally LAZIKA can be transformed to: Armored personal carrier, Command and control unit, Ambulance, recovery, tracked reconnaissance vehicle or a platform for various SAM, Artillery Systems, Anti Tank Guided Missiles and Etc.





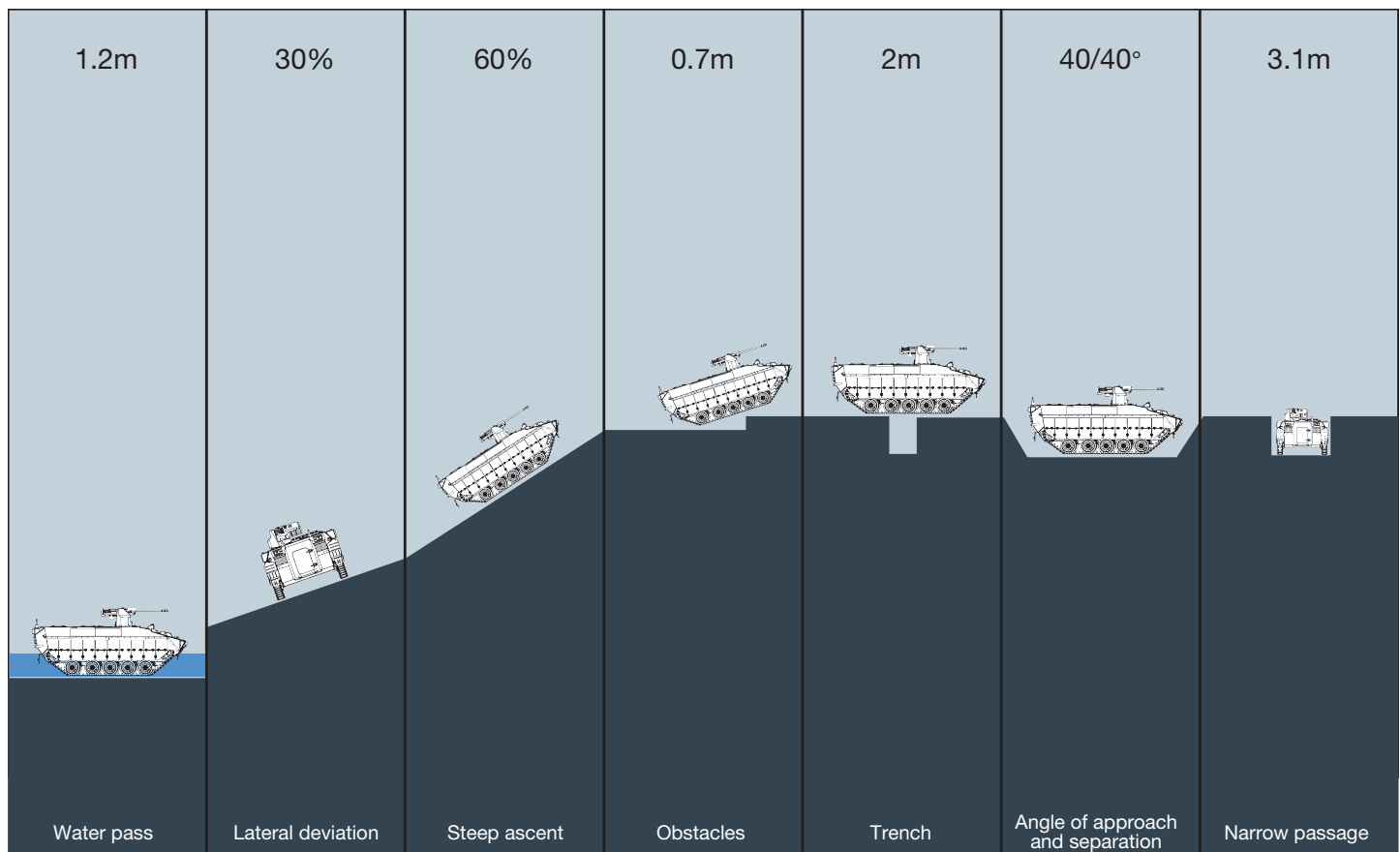
STC DELTA – R&D

Taking its roots from Aircraft manufacturing STC Delta has a strong engineering/desing office which not only ensures support of production of items, but it provides new designs and introduces them in the production using modern technology solutions.





LAZIKA Tactical Specifications



Vehicle Specifications	
Vehicle type	Infantry Fighting Vehicle
Protection Level	NATO STANAG 4569 LEVEL 4 (add on armor kit available)
Chassis	Tracked
Crew, man	3 driver-mechanic, commander and operator-shooter + 7 troops
Dimensions and weights	
Empty vehicle weight, kg	14850
Vehicle Maximum weight of the vehicle (ten men - ammunition), kge type	
Power to weight ratio	30 bhp, per ton
Length, mm	6112
Width, mm	3010
Height, mm - With arming module	2918
Height, mm - Without arming module	Vehicle type
Engine	V shape Diesel Engine, 6 Cylinder 285-300 bhp/2600 rpm
Gear box	5 speed automatic
Suspension type	Individual torsional
Specific gravity load on the ground	0,95
Steering	Hydraulic assisted Steering
Electricity	Permanent 27/12V
Max speed on paved road km/hr	70
Maximum speed on unpaved surface km/hr	20
Total capacity of the fuel tanks, l	400
Range on paved road, km	450
Armament and unit of fire	
Turret type	Universal fighting module
Main gun caliber and type	23mm 2A14 (2A14M)
Ammunition load	23 mm caliber 80 cartridge
Machine gun caliber and type	7,62mm
Ammunition load	7,62mm 500 cartridge
Vertical hoist (staging) angles (degree)	-5°, +60°
Horizontal turn angle	360°
Vertical hoist (staging) velocity (degree/sec)	6
Horizontal turn velocity	20
Aiming system	Combined video thermal chambers
Weapon control system	Permanent 27/12V
Maneuverability and overcoming resistance	
Clearance (road clearance), mm	444
Side slope , % (degree)	30 (17°)
Gradient, % (degree)	60 (31°)
Obstacles, m	0,7
Trench crossing, m	2
Water pass, m	1,2

* Per client request power unit can be changed to more powerful engine/gearbox.



DELTA

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