TRB is a defense and security company founded in 1955. and based in Republic of Srpska (Bosna and Herzegovina). Charged with designing, manufacturing, maintaining, refurbishing and upgrading the countrys national land systems, decades of invaluable skills and knowledge are harnessed and passed from generation to generation through continuous training, professional development, and mentoring.

TRB quickly established its position as an integrator and producer of comprehensive national defense and security solutions.

Products

Ammo line	Mobile Flex Power
RS9 / 9mm gun	Mobile Protective Guardhouse
Radar systems	Mechanical Demining Machine MH17
Biometric Access Node (B.A.N.)	

TRB BUILD TO LAST

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DESPOT

MINE RESISTANT AMBUSH PROTECTED

DESPOT is a multi - purpose, highly protected, extremely survivable, off-road 4x4 vehicle, jointly developed by TRB and the Government of Republic of Srpska. (The prototype was revealed on the National Day of Republic of Srpska 09. January 2019).

DESPOT belongs to the category of state-of- the-art armored vehicles designed to carry out a vast range of missions from the domain and scope of the police and armed forces units. The concept of this highly cost effective vehicle is based on a multipurpose chassis combined with modern powertrain with an independent suspension system that provides a high level of mobility in all terrain and weather conditions.

The vehicle can be perfectly deployed for: patrol missions, reconnaissance missions, as a command vehicle, transportation and support of special operations units, counter-guerrilla and anti-terrorist combat, border control, territory control, as a medical vehicle and for other purposes at the customers request.

The vehicle is 6.05 m long, 2.70 m high and 2.56 wide. The maximum weight is 14 t, and the volume of the passenger area is 12 m3, which can comfortably accommodate 9 crew members. Despot can carry a payload of over 3 t.

The vehicle is air-conditioned.

The maximum speed is more than 120 km/h, with the ability to overcome gradients of 50%, lateral gradients of 30%, vertical obstacles of 0.5 m, fording of 1.1 m, with an approach angle of 40° and departure angle of 43°- all in one excellent performance in any terrain and com - petitive position in its class.

Engine power is 240 kW, with automatic transmission. It has driveline system with independent suspension, run-flat inserts, central tire inflation system, anti-lock braking system (ABS) and a wide range of standard equipment. It is able to operate at temperatures ranging from -30°C to +50°C. Two 240Ah - generators supply the vehicle with electricity.

Various weapon stations can be integrated into the vehicle. The spectrum ranges from manned ring-mount systems to highly advanced remote control weapon stations.

The vehicle ballistic protection is according to STANAG 4569 level 2 protection, or optionally level 3. It is also protected from explosions with level 2a and 2b protection under STANAG 4569.

Despot is a result of the experience, passion and team work.

Dimensions

Length: 6.05 m
Height: 2.70 m
Width: 2.56 m
Wheelbase: 3.5 m
Ground Clearance: 0.48 m

Mass

Maximum vehicle weight: 14 t

Transportation / crew space

Volume of the crew compartment: 12 m³
Crew: 3 + 6 members, possibly additional options for seating the crew
Air-conditioned, dual-zone automatic air conditioning

Performance

Maximum speed: more then 120 km / h
Slope control: 50%
Side slope: 30%
Vertical barrier: 0.5 m
Water barrier: 1.1 m
Approach angle 40 °
Output angle 43 °

Engine

Type: MTU 926 LA
Volume: 7.2 liters
Power: 240 kW (322 HP) at 2200 rpm
Torque: 1300 Nm (1300-1600 rpm)

Transmission

Type: ALLISON 3000SP Automatic transmission
Number of speeds: 6 + 1

Driveline

Type: 4x4 configuration
Two-speed transfer case with differential lock and parking brake
Axle system with independent suspension, coil springs, differential lock

Wheels

Type: 395x85 R20
Rim: Two-piece steel Rim with run-flat inserts
Central tire inflation system

Fuel tank

2x200 liters

Brake system

Pneumatic brake system, front and rear disc brakes, ABS 4x4 system
Brake wear sensor
Hydraulic parking brake on transfer case

Temperatures ranging

- 30 ° C - + 50 ° C

Ballistic protection

Level 2 according to STANAG 4569, FB6 according to EN 1522
Optional Level 3 according to STANAG 4569

Protection from explosion

Levels 2a and 2b according to STANAG 4569

Carefully selected, manufactured and combined components, a completely special and innovative look, high safety and crew protection represent something completely new not only on European, but also on the world market of vehicles of the same or similar class.