



RECON and VERTUS - Light Armored Vehicles

## RECON AND VERTUS

These vehicles are in the family of Light Armored Vehicles designed to be easily act in the most difficult terrain and climate conditions.

Armored capsule-chassis with bulletproof windows provides high protection for the crew against small arms and improvised explosive devices - IED.

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Low weight, small size combined with a dynamic engine and 4-wheel drive make it a vehicle with high off-road capability.

### Description

RECON is mainly intended for:

- ▶ acting as a light and fast reconnaissance vehicle after equipped in cameras and radio communication;
- ▶ acting as a patrol vehicle (e.g. for border control) after equipped in cameras and detectors;
- ▶ acting as a light and mobile fire support;
- ▶ acting as a light and mobile ATGM launcher;
- ▶ acting as a convoy support (e.g with humanitarian aid);
- ▶ acting as an mobile control station for UGV like TAERO;
- ▶ dedicated for military, law enforcement, border control and national guard.



RECON



VERTUS

VERTUS the bigger version of the Light Armored Vehicles is intended for:

- ▶ acting as a logistic vehicle with modular cargo space (e.g. mobile workshop, supplies);
- ▶ acting as a technical or chemical reconnaissance vehicle after equipped in cameras and detectors;
- ▶ acting as a carrier for special armament systems (e.g. ATGM, automatic mortar, drone launcher);
- ▶ acting as a command and communication vehicle.

Each vehicle can be equipped in an armored turret with a machine gun or grenade launcher for self-defense.

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# RECON AND VERTUS – LIGHT ARMORED VEHICLES



## TECHNICAL DATA

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### Dimensions and weight

Length:	3980 mm (w/o winch)
Width:	2038 mm (w/o spare wheel)
Height:	2525 mm (with turret)
Wheelbase:	2600 mm
Tread:	1600 mm
Curb weight:	3200 – 3300 kg
GVM:	3500 – 4000 kg
Crew:	3 persons optional 4 persons

### Protection

Crew capsule bullet resistance:	B6 or Level I (STANAG 4569)
Crew capsule grenade and mine blast:	Level I (STANAG 4569) on request
Crew capsule artillery resistance:	Level I (STANAG 4569) on request
Turret:	B6 front and rear shield
Fuel tank:	4 mm armor steel cover
Radiator:	4 mm armor steel shutter
Wheels:	Run flat rings

### Engine and driveline

Type:	R6 in-line supercharged with intercooler
Fuel:	Diesel 90L
Capacity:	4,2 liter
Max. power:	170 HP / 3800 rpm
Max. torque:	290 Nm / 2000 rpm
or	
Type:	V6 supercharged with intercooler
Fuel:	Diesel 90L
Capacity:	4,5 liter
Max. power:	205 HP / 3400 rpm (max. up to 300 HP)
Max. torque:	430 Nm / 3200 rpm

### Suspension, brakes and wheels

Front:	Rigid axels, coil springs and hydraulic shock absorbers, stabilizer
Rear:	Rigid axels, coil springs and hydraulic shock absorbers, stabilizer
Tires:	Tubeless AT 255/85/R16 runflat
Inflation system:	Passive optional active
Brakes:	Hydraulic with ABS system
Front:	Disc ventilated
Rear:	Disc with drum parking brake

### Comfort and safety

Heating:	Up to -30°C from engine cooling system, optional Webasto heating system.
Cooling:	Up to +40°C
Seats:	Adjustable with seatbelts 4-points on request anti mine
Camera system:	Front, rear and side cameras with ABS system
Brakes:	with ABS system
Mirrors:	Unbreakable or cameras

### Equipment

Turret:	360° manual or electric with shield
Winch:	Electric 3,5T front, rear and side
Lighting:	Front Led bar on the roof
Auxiliary equipment:	Hi-lift, spade, axe

### RECON Presented in version with turret

### VERTUS Presented in version with modular cargo space



### Dimensions and weight

Length:	5180 mm (w/o winch)
Width:	1900 mm (w/o spare wheel)
Height:	2050mm
Wheelbase:	3810 mm
Tread:	1600 mm
Curb weight:	3300 – 3600 kg
GVM:	4500 – 5000 kg
Crew:	4 persons optional 5 persons

### Protection

Crew capsule bullet resistance:	B6 or Level I (STANAG 4569)
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Type:	V6 supercharged with intercooler
Fuel:	Diesel 90L
Capacity:	4,5 liter
Max. power:	205 HP / 3400 rpm (max. up to 300 HP)
Max. torque:	430 Nm / 3200 rpm
Gearbox:	Manual 5+R optional automatic
Drive:	4WD part time
Transfer case:	H2/H4/N/L4
Main gear ratio:	4.3
Differential:	Front and rear with air lockers

### Suspension, brakes and wheels

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Tires:	Tubeless AT 255/85/R16 runflat
Inflation system:	Passive optional active
Brakes:	Hydraulic with ABS system
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### Equipment

Turret:	360° manual or electric with shield
Winch:	Electric 5T front
Lighting:	Front Led bar on the roof
Auxiliary equipment:	Hi-lift, spade, axe