



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.



RECON

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.



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.

Contact details:

Auto Podlasie Sp. z o.o.

14 Terespolska

Siedlce, 08110 Poland

☎ 22 120 17 20

✉ kontakt@approduct.pl

🌐 www.grupaautopodlasie.pl

www.aero4x4.com

Contact person:

Piotr Lasek

Constructor

☎ +48 604 796 824

✉ piotr.lasek@toyota-siedlce.com.pl

RECON AND VERTUS – LIGHT ARMORED VEHICLES

TECHNICAL DATA

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 pesons

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
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



TECHNICAL DATA

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 pesons

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	
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Fuel:	Diesel 90L
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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
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	
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
Brakes:	with ABS system
Mirrors:	Unbreakable or cameras

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

