



DRAGOON CROWD CONTROL VERSION



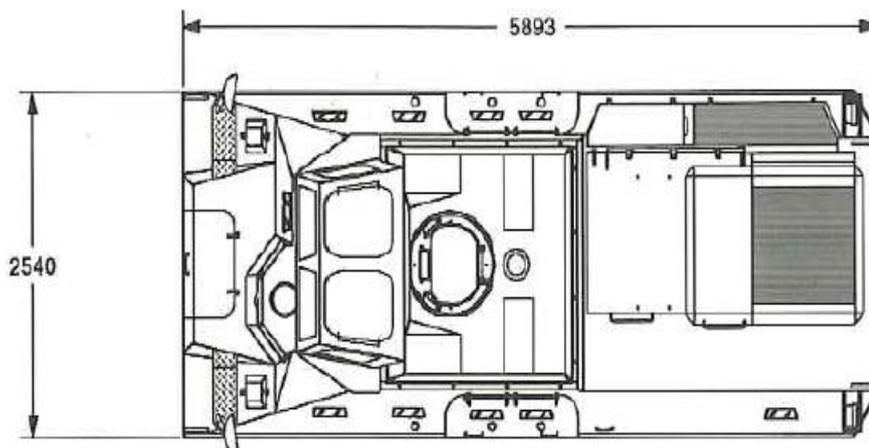
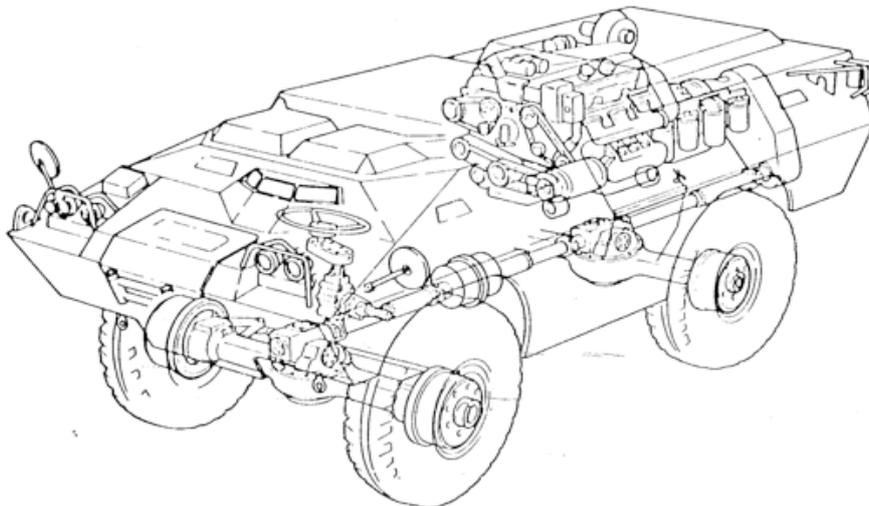
TECHNICAL DESCRIPTION

(Image is for illustration purposes only)

1. Vehicle Specifications

1.1 Dimensions

Overall Length	:	5900 mm
Overall Width	:	2660 mm
Overall Height	:	2350 mm (to hull top)
Wheelbase	:	3099 mm
Ground clearance under axles	:	432 mm





1.2 Vehicle Layout

Seating layout:	2+ 10 (standard, it is possible to customize)
Doors:	3 (2 side doors, one rear door)
Roof Hatches:	2
Roof turret with hatch:	1

1.3 Weights

Curb weight:	9,800 kg
Payload:	2,925 kg
Combat weight:	12,725 kg

1.4 Powerpack

Engine type:	Liquid Cooled, two cycle, Turbocharged, 6 cylinders in V-shape.
Displacement:	5,2 Lt
Maximum Power:	225 KW @ 2800 rpm
Maximum Torque:	903 Nm @ 1600 rpm
Transmission:	5-speed automatic, reverse
Fuel Tank Capacity:	170 L

1.5 Running Gear

Driveline:	Selectable 4x4
Steering:	Hydraulically assisted
Suspension and axles:	Solid axle with leaf springs and hydraulic shock absorbers
Tires:	16.00 R20
Type:	XZL tactical
Run flat inserts:	Fitted
Brakes:	Internal Expanding, air over hydraulic with electric back-up parking brake

1.6 Mobility

Top Speed:	105 km/h
Turning Circle:	8,77 m
Fuel Range:	850 km
Gradeability:	60%
Static Side Slope:	30%
Fording:	Amphibious

2. Protection

2.1 Opaque armor

- Armor consists of all-welded ballistic grade steel construction (Armox 500 HHS).
- Monocoque hull construction
- Protection 7,62 mm Point Blank, 0° obliquity, STANAG 4569 AEP-55 Vol. 1



2.2 Transparent armor

- Transparent armor has been built to protect against 7.62 x 51 NATO ammunition according to EN1063 Level B7.
- Transparent armor has been designed and manufactured in such a way as to ensure that a projectile following a linear or angled path shall not enter the vehicle's interior without contacting the armor material.

3. Vehicle Design

3.1 Exterior

- The vehicle body has a modular design. Thus the vehicle can be easily reconfigured in different versions.
- The vehicle exterior has been fitted with grab bars and handles for ease of entry and exit of the vehicle.
- Winch capability: 9,072 kg (hydraulic).
- 2 (Two) rearview mirrors
- Coated with a two-parts epoxy primer and military grade epoxy paint.
- Capability to add armor kits
- Crowd control equipment: Lights, louds, metal grids

3.2 Interior

- The vehicle floor is fitted with a non-slip rubber material.
- First-row seating: 2 (Two) individual seats for driver and commander are equipped with seat belts.
- Driver has enhanced vision with 4 windows, which provide him with a 180° field of view.
- 2 kg. fire extinguisher
- Reverse camera with dashboard monitor
- Easy removable Power pack: 30 minutes with 2 men.
- Fluid checks all accessible from the top with engine hood raised
- Filters easily accessible from rear door with engine panel removed
- Interior is finished with heavy grade epoxy coating.

3.3 Doors & Hatches

- The vehicle has a total of 3 doors: left, right, rear.
- All doors are fitted with Heavy Duty hinges rated to the weight of armor.
- Doors can be locked from both inside and outside.
- For driver and commander there are two front hatches
- The vehicle is fitted with a roof hatch located in the mid-roof position.
- Hatch can be locked from the inside.
- All the doors, hatches and locks have been designed to prevent unauthorized access to the vehicle while ensuring fast evacuation of the crew in case of emergency.
- The two double-width side doors are 1,066 m. wide and 0,889 m. high. The rear door is 0,916 m. high and 0,609 wide.
- All doors and hatches provide security and watertightness.

3.4 Suspension

- All suspension components have been upgraded to cater the increased weight of the vehicle.
- Suspension components have been designed to offer great on-road & off-road performance.



3.5 Brakes

- The vehicle is fitted with the hydraulic brakes (front and rear)

3.6 Wheels

- The vehicle has been fitted with large 16.00R20 all-terrain tires to provide better performance over a variety of terrain.
- The vehicle is fitted with Run Flat inserts in all 4 (Four) tires.

3.7 Electricals & Lighting

- The vehicle features a 24V electrical system.
- Red/white dual-mode interior LED lights are installed in the personnel compartment.
- Front indicators are located next to headlamps.
- Red/Blue strobe lights are fitted on the roof
- The vehicle has front and rear universal mounting rails for searchlights and other electrical equipment.
- Siren and louder system
- Batteries: 4x12 V

3.8 Heating, Ventilation, and Air Conditioning

- Vehicle engine cooling has been upgraded to be able to cope with the most extreme weather conditions.
- The vehicle is equipped with air ventilation system, heater, and air conditioner.
- Heater Capacity: 70000 BTU
- Air Conditioner Capacity : 35000 Btu
- Capacity: 15,5 cubic feet per minute

3.9 Accessories

- Dozer blade for obstacles remotion
 - Dimensions: Height 500 mm, width: 2400 mm
 - Movement: Hydraulic, (two cilinders, double effect)
 - Material: Steel
 - Transport Position: 250 mm over ground
- Fast release kit for dozer blade
- Customized External Labels
- Automatic anti-fire/anti-explosion system for crew compartment. (Halon free)
- 360° day/night vision system (4 blocks of CCTV+Thermal Camera connected with a commander screen).
- Gun Internal supports.
- First Aid kit

