

# ARMORED PERSONNEL CARRIERS

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**PANTHERA T8 3DR  
STANAG LEVEL II**



## **PANTHERA T8 3DR STANAG LEVEL II**

The Armored Personnel Carrier is designed for use in a wide range of military roles. It offers high levels of survivability, stability, mobility, and firepower.

The vehicle offers a modular design, scalable levels of ballistic and mine blast protection.

The armored personnel carrier is armored with certified ballistic material designed to resist incoming ballistic threats from any angle.

The interior of the vehicle is customizable to accommodate communication systems and even emergency medical support equipment (field ambulance).

Off-road tires with run-flat system and narrow turning radius make this Armoured Personnel Carrier ideal for any mission.

Protection level:- B4+ Level / B6 Level / STANAG 1

MAKE:MSPV

BODY STYLE: APC

ARMOR LEVEL: UP TO B6

TRANSMISSION: 5 SPEED MANUAL

ENGINE: 4.5L V8 8Cyl Diesel

WHEELBASE (MM): 3180

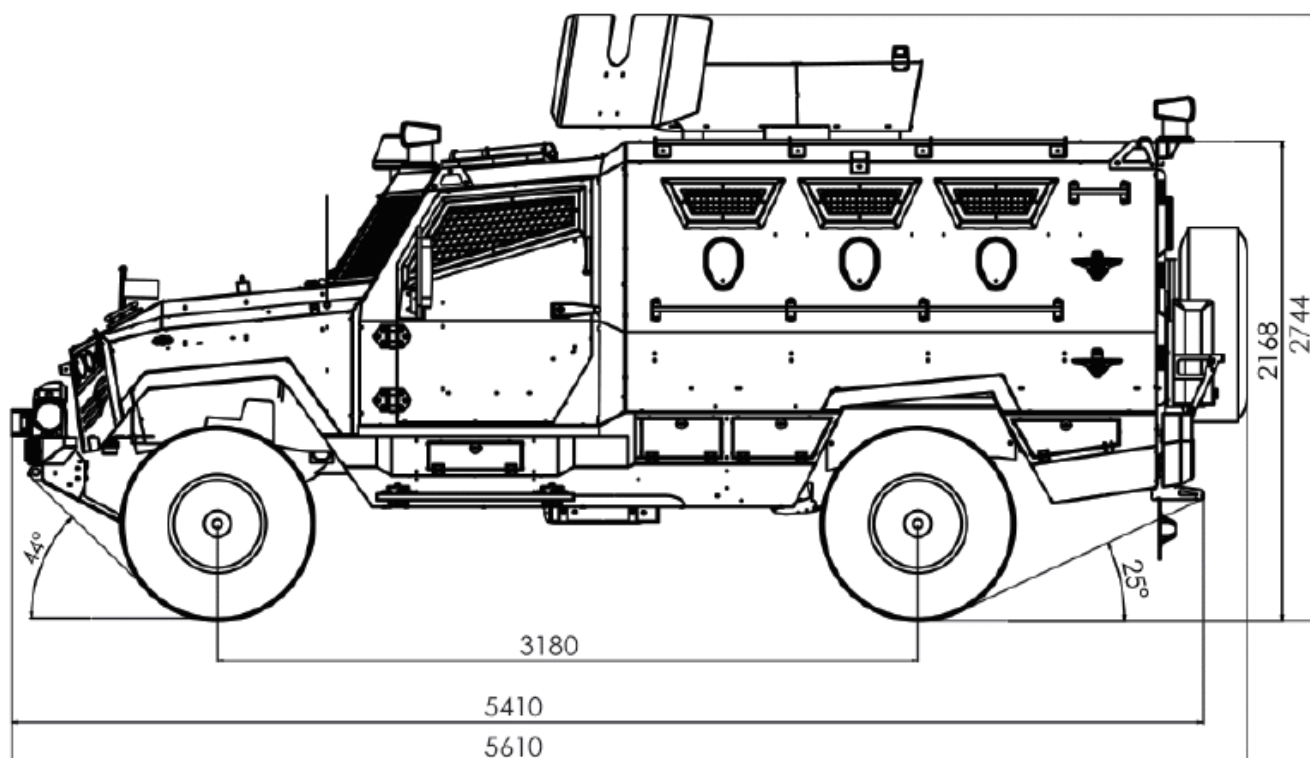
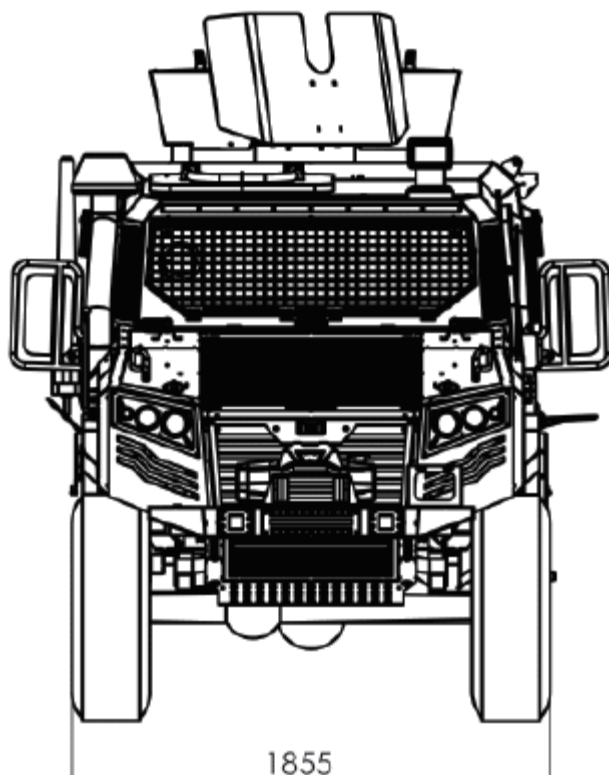
SEATING CAPACITY: 02 + 06

FUEL CAPACITY: 130 L

### **Optional Equipment & Accessories**

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- Blast Resistant Seats
- Roof Mounted Light Bar
- STIS system

# PANTHERA T8 3DR STANAG LEVEL





## **SPECIFICATIONS**

Seating: **02 + 06**

GVW(Kg): **5650**

Payload (Kg): **600**

Engine: **4.5 L V8, 8 Cyl Diesel @ Engine Power (HP/KW): 203/151**

**4.2 Inline, 6 Cyl Diesel @ Engine Power (HP/KW): 126/94**

**4.3 L V6, 6 Cyl Die Gasoline @ Engine Power (HP/KW): 228/170**

Torque (N-m): **430 / 280 / 360**

Transition: **5 Speed Manual**

Power to weight ratio: **36.0 HP/ton (27.0 KW/ton)**

**22.3 HP/ton (17 KW/ton)**

**40 HP/ton (30 KW/ton)**

Alternator: **1 x 150 amps / 1 x 80 amps / 1 x 130 amps**

Suspension: **Front - Dependent coil spring**

**Rear - Dependent coil spring**

Brakes: **Front - Hydraulic disk brake**

**Rear - Hydraulic disk brake**

Max Speed (Km/h): **120**

Min TCD (m): **14.4**

Wheel base (mm): **3180**

Wheel track front (mm): **1550**

Wheel track rear (mm): **1460**

Overall width (mm): **1855**

Overall height (mm): **2168 (hull)**

Overall length (mm): **5610 (hull)**

Tires: **LT285/75/R16**

Spare wheel: **Yes**

Approach departure angle (Deg): **44/25**

Ground clearance (mm): **230**

Fuel tank capacity (L): **130**

Electrical: **12V**



## Armoring STANAG LEVEL II NATO STANAG 4569

### 1. Opaque Armor:

- The whole passenger compartment forms a monocoque that is protected with 6.5mm ballistic steel plating to defeat high-powered rifle fire, **7.62 x 51 M80 NATO Ball @ 2,750 fps.** to meet **CEN level B6** and NIJ III as specified in the table above.
- Vehicle armoring is constructed 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. In addition to this, the possibility of a projectile entering the vehicle's interior due to a ricochet from the armor is minimized.
- Bolt on V-shaped ballistic steel protection is fixed under the vehicle
- Floor protection: Floor is fitted with 6mm cold roll steel blast protection to protect occupants against fragmentation from simultaneous detonation of **2 DM-51 German ordnance hand grenades** or equivalent.
- Entire engine bay of the vehicle is protected from ballistic threats by 6.5 ballistic steel that meets CEN level B6 and NIJ III standard, while providing sufficient air flow for efficient cooling of the engine at any speed of operation.
- Fuel tank: armored with 6.5mm ballistic steel box construction that meets CEN level B6 and NIJ III standards.

### Transparent Armor:

- CEN Level B6 ballistic protection – 39 mm thickness glass is fitted on all openings of the ballistic shell. The transparent armor is Polycarbonate and Mylar bonded to ensure anti-spalling shield protection against shattering glass and shards;
- Multiple impact protection (three shots);
- Finest optical quality with Minimal distortion;
- No delamination;
- No discoloration from UV rays

### Doors:

- Armor overlap at all doors to prevent penetration through door posts and pillars;
- Heavy Duty hinges reinforced for maximum strength retention.

### Suspension:

Upgraded heavy duty suspension

- Front: Heavy Duty Coil Spring & Shock Absorbers
- Rear: Reinforced additional Leaf Springs with Shock Absorbers

### Run-flat Tire System:

- All tires (including spares) will be fitted with a HutchinsonComposite Runflat insert system, conforming with the NATO/FINABEL running distance standard of 50 Km at the speed of 50 Km per hour.

### Other Features:

- Panthera T8 APC from MSPV comes with a number of standard safety features incorporated into basic design of the vehicle in order to guarantee protection and most efficient operation of the vehicle.



