

6x6 ARMORED PERSONNEL CARRIER



TECHNICAL CHARACTERISTICS

GENERAL

Combat Weight	: 18 t
Crew	: 10 + 2
Length	: 7,04 m
Width	: 2,68 m
Height	: 2,37 m
Environmental Conditions	: -32°C to +55°C

PROTECTION & LIFE SUPPORT SYSTEMS

All-around Protection:	NATO STANAG 4569 Level 3
Mine Protection:	NATO STANAG 4569 Level 3
Smoke Grenade Dischargers:	6
Automatic Fire Suppression System:	Cabin Crew and Engine
Compartment A/C and Heater:	A/C and Independent Heater

MOBILITY

Engine	: Diesel 402 Hp, 6 Cylinder, Intercooler,
Transmission	Liquid Cooled, Hydraulic Driven Fan
Max. Road Speed	: Fully Automatic, 6 Forward, 1
Creep Speed	Reverse
Range	: 110 km/h
Gradient	: 4 km/h
Side Slope	: > 700 km
Angle of Approach	: 60%
Angle of Departure	: 30%
Vertical Obstacle	: 50°
Trench Crossing	: 40°
Fording Depth	: 0.6 m
Turning Radius	: 1.2 m
Suspension System	: 1.5 m
	: < 8 m (Curb to Curb)
	: Independent wheel suspension
	Telescopic spring shock absorbers on
Number of Axles	each wheel and control arms for
Driven Axles	upper/lower bumpers
Steered Axles	: 3
Intermediate Gearbox	: AWD
Service Brakes	: 1, 2
Parking Brakes	: 1-stage
Tires	: Hydraulic and ABS at Each Wheel
	: Spring Activated Hydraulically
	Controlled
	: 395/85 R20

MISSION EQUIPMENT

Driver Integrated Display	: Digital Touchscreen, Camera View for Back, Front and 360° of the Vehicle, BIT-Digital Diagnostic Screen, Embedded Diagnostics
Electrical System	: MIL STD 1275, MIL STD 461 Isolated High Power for Mission Equipment
Periscopes	: M17 and M27
Commander and Crew Integrated Display	: Camera View for Back, Front and 360° top View of the Vehicle

STANDARD EQUIPMENT

Run Flat
Self-Recovery Winch with 16 m. steel rope
Central Tire Inflation System
Roof Hatches: Driver, Commander, Gunner and 2 x Crew 5 Point Seat Belts
Adjustable Seats for Driver and Commander
Towing Eye
Blackout Lighting System, NATO Type
Blackout System

ARMAMENT

Manned and Remote-Controlled
Turrets from Various Types and
Origin Can be Integrated

OPTIONS



12,7 X 99 MM

Caliber: 12.7 mm (50 cal.)
Type of Ammunition: 12.7 x 99
Weight of Complete Gun : 38,5 kg
Weight of Barrel Assembly: 12 kg
Length of Gun: 1655 mm
Length of Barrel Assembly: 1145 mm
Method of Operation: Short Recoil
Firing Mode: Single and Automatic
Muzzle Velocity: 900 m/s
Rate of Fire: 450-650 rpm
Maximum Effective Range: 1830 m
Maximum Range: 6800 m
Barrel Life: 25.000 (Stellite Lined)
Accuracy: 18 cm(=6MOA)/ at 100m
Recoil Force 150-250 pounds



Stretchers: Fixed Type, Combination, Scoop, Vacuum
Medical Devices: Cardiac Monitor/Defibrillator, Mobile Mechanical Ventilator, Portable Blood Pressure Monitor, Wall Type Blood Pressure Monitor
Disposable Materials: Oxygen Masks, Oxygen Nasal Cannula, Suction Catheter, Serum Set, Public Announce System, Injectors etc.
Stabilizer Equipments: Spine Board, Air Splint Set, Recovery Vest, Cervical Collar Set
Oxygen Systems: (Complete Oxygen & Bottles & Regulators, Stationary Vacuum System
First Aid Equipment: Basic Medical Kit, Reanimation Bag with Oxygen Bottle
General Medical Supplies: Diagnostics Set, Body Bag, Fixed IV Holders, Burn Kit, Insulated Vaccine Carrier Box