

PROTECTOR II



Mobile Armored Vehicles, LLC (MAV) specializes in the design, engineering, manufacturing and support of ballistic and blast protected wheeled vehicles for use in the global fields of security, law enforcement and military. MAV's Protector II platform of armored vehicles was designed to overcome the operational shortcomings that are encountered by heavier weight MRAP vehicles, while affording the same degree of protection for its occupants.

- **High Survivability**
- **Lowest Weight**
- **High Payload Capacity**
- **Ease of Maintenance**
- **Commonality of Parts**



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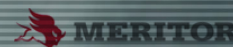
The Protector II vehicle platform has been designed to be a highly mobile 4x4, with the lightest weight and highest survivability protection known internationally in the light armored vehicle (LAV) class. The baseline vehicle has a seven (7) metric ton curb weight while allowing for STANAG III blast protection and up to five (5) metric tons of payload. It is easily air transportable by C-17, C-130, and C-5 or under slung by a CH-47 to even the most remote areas of conflict. In addition to the focus on survivability, flexibility and growth are key features of the platform.

SURVIVABILITY

MAV has incorporated a mine blast and ballistic protected capsule with Jankel Tactical Systems BLASTech Seat Range, a blast mitigating flooring solution and a spall liner with acoustic and thermal properties into a total survivability solution. This combination of design and technology has allowed the Protector II to provide proven STANAG Level III blast protection while maintaining a curb weight of seven (7) metric tons. Scalable add-on armor packages can provide additional protection against IED attacks and armor-piercing ballistic rounds.



JANKEL



TECHNICAL SPECIFICATIONS

Vehicle Curb Weight (VCW): 7,000kg
GVWR: 12,000kg
Maximum Payload: Up to 5,000 kg
Capacity: Driver, Commander, and up to 6 Crew
Seats: Shock-absorbing with 5-point restraints at all positions
Profile: L5.7m x W2.4m x H2.3m
Ground Clearance: 333mm
Wheelbase: 3.3m
Approach Angle: 46 Degrees
Departure Angle: 49 Degrees
Ingress/Egress: Large Rear and 2 Side Doors, 2 Hatches, and Gun Ring
Transportability: CH-47, C-130, C-5, C-17, Rail, Ship. With hard lift points for crane lift
Maximum Speed: 130 km/h dash speed with full payload
Cruising Range: Fuel 600 km @ 105 km/h
Capacity: 450 L
Fording: 1 meter without preparation
Gradeability: > 60%
Side Slope Operation: 30%
Engine: Cummins 6.7L QSB 275HP @ 2500RPM, Torque 730lb/ft @ 1500RPM
Fire Suppression: Automatic Crew and Engine (standard)
Transmission: Allison 3700sp, 7-speed transmission with integrated transfer case, full time 4wd
Axles/Suspension: Arvin Meritor; Front Steer axle: 6600kg rated and Rear Axle: 6800kg rated
Tires: Continental MPT81 365/80R20
Run Flats: Hutchinson RFI
CTIS: Optional
Variants: Personnel Carrier, Reconnaissance, Patrol, Utility, Ambulance, Tactical Operations

