

GOLAN

GOLAN

Multi-Purpose Modular Armored Vehicle

Vehicle Specs

Engine	Diesel, Cummins 315HP @ 2200 RPM, 950 Ft.lb @ 1300 RPM
Transmission	Automatic, Allison, 6 speeds + 1 reverse
Axles	MH 17 HUB reduction CTI capable
Power	24 & 12 Vdc, Alternator 300 Amp + 4 batteries 120 Ah @ 24 VDC & 1 battery 120 Ah @ 12 VDC
GVW	15000 kg
Dimensions:	
Wheel base	3600mm
Length	5900 mm
Height	2350 mm
Width	2550 mm
Tires	4x365/80 R 20 with Runflat (VFI Hutchinson)
Anti-Lock Braking System (ABS)	
Central Tire Inflation System (CTIS)	



- A unique armor protection system accounts for fifty percent of the Gross Vehicle Weight (GVW)
- Modular add on insensitive reactive armor system to defeat RPG threats
- Monocoque structure / Capsule crew compartment to defeat IEDs and mine threats

GOLAN

Multi-Purpose Modular Armored Vehicle

Main Highlights

- Three configurations of modular protection levels
- Defeats threats of small arm ammunitions, Rocket Propelled Grenades (RPG), EFP, IEDs and mines (under belly and under the wheels)
- Hybrid reactive armor based on proven insensitive explosive material
- Vehicle built of Monocoque 4x4 structure for optimal protection against mines and IEDs
- High mobility, on road/off road maneuverability capabilities
- 600 km operation range
- Turning radius less than 8 m for urban arenas
- Air transportable on C130
- All automotive systems are US COTS
- High payload capabilities
- Vehicle interior configuration enables flexible design, up to 10 troops
- Flexible interior design for variety of application: Armored Personnel Carrier for up to 10 troops, Command vehicle, Reconnaissance vehicle, Ambulance, Designated logistics vehicle

Observation Capabilities

- Four day/night sight systems and displays
- Roof opening
- Front window
- Side windows for commander, driver and troopers
- Rear window in crew compartment

Firing Capabilities

- Five firing ports and four roof hatches
- Roof opening for machine gunner

Options

- Plug-in "Multi Spectral" systems to defeat (or detect) IEDs
- Plug-in Small Arms Fire Detection System (SADS)
- Smoke grenade launcher
- Front and/or rear winch
- Central tire inflation system (CTIS)
- SAMSON - Remote-Control Weapon Station with 7.62 mm or 12.7 mm or 40 mm and day/night sight system

General Content

- Seating according to customer requirements
- Stretcher anchoring capability
- Front and rear air-conditioning
- Communication system
- Automatic fire-extinguishing systems for engine, troops compartment and tires
- Storage boxes

Openings

- No separation between cabin and crew compartment
- Rear ramp
- Four roof hatches

