



STARK MOTORS

SPECIAL VEHICLES MANUFACTURER

www.starkmotors.co

Specializing in the Design & Production of Armored Vehicles!

STARK MOTORS was established in Qatar in 2017 as the first provider for wholesome solutions for all armoring needs of military, security organizations, VIP corporate clients and commercial sector regionally and internationally all over the world. Accommodating today's diverse market, STARK MOTORS specializes in security and transportation solutions for its clients, including armored transporters, cash-in-transit vehicles, executive armored SUVs and special purpose military vehicles.

Our highly skilled specialists combine exclusive materials and the most advanced manufacturing methods and technologies to produce vehicles that are uniquely safe and aesthetically pleasing. Personal and corporate security concerns have always been a top priority for governments and corporations worldwide. New surges in violence have raised these concerns to an unprecedented levels. Many organizations and private individuals are now forced to dedicate a significant portion of their resources to defeating actual and potential threats of crime and terrorism. Through an individual approach to the needs and requirements of each of its clients, STARK MOTORS is able to relieve this strain by supplying armored vehicles that take safety and security to a higher level.



THUNDER MRAP APC

Vehicle Specifications



Luxury
Vehicles



Military
Vehicles



Special Purpose
Vehicles

Industrial Area Street 24 • Doha, Qatar P.O. Box: 45487
Tel.: (+974) 4490 9829 • Email: info@starkmotors.co

www.starkmotors.co



THUNDER MRAP APC

VEHICLE SPECIFICATIONS



Chassis	Custom made monocoque body
Engine	6.7L, 6-Cylinder, Turbo Diesel, 350 Hp @ 2600 rpm, 1100 Nm @1500-1700 rpm
Transmission	Automatic
Drive	4x4
Transfer Case	2-speed with Low gear and lockable differential
Suspension	ISAS front and rear with lockable differentials, load capacity per axle 7000 kg
Steering System	Hydraulically assisted, LHD
Brakes	Pneumatic type disk brakes with ABS
Wheels	335/80 R20
Fuel System	Dual 180 +180 L
Seating Capacity	2+6+Gunner
Electric System	24 VDC, 2 batteries 12 VDC 190 Ah each, alternator 220 A
Turning Radius:	9 m



Mine Resistant Ambush Protected Armored Personnel Carrier (MRAP APC) provides to passengers' blast protection up to STANAG 4569 Level 3 and ballistic protection up to CEN B7. Due to smaller dimensions and high seating capacity it is ideal MRAP vehicle for urban and field operations. Vehicle designed for harsh Off-Road conditions and could be in various configurations: troop carrier, command and control, observation vehicle.

VEHICLE ARMORING

Vehicle Body Modifications

- Custom made body, 4x4, MRAP APC type, protection level CEN 1522 FB7
- Full protection of engine bay, hood, radiator, grill and firewall CEN 1522 FB7
- Side walls, roof, doors, roof hatches CEN 1522 FB7
- V-Hull structure STANAG 4569 Level 3
- Steel Add-On panels for side and rear of the body to achieve CEN 1522 FB7
- Sun visor with wiper blades mechanism at the cabin roof
- 4 Side doors, 1 rear door
- Heavy Duty door hinges for all doors and side hatches
- Heavy Duty security door locks
- Dead bolts for all doors
- Roof hatch in the middle for the gunner
- Split windshield CEN 1063 BR7
- Side viewing glass on each door and sides CEN 1063 BR7
- Gun-ports on the side walls and rear door
- Anti-Slippery flooring
- Military type seats with -4point seat belts for driver, commander and for the crew
- Antenna brackets at the rear roof side
- Military type side mirrors
- 20000 lbs electric winch with roller fairlead, towing eyes with shackles at the front and pintle hook at the rear
- Lifting eyes for shackles in the roof for transportation and lifting eyes in the front end

Vehicle DriveTrain Modifications

- Transfer case under body protection STANAG 4569 Level 3
- Transmission cover STANAG 4569 Level 3
- Under engine protection cover STANAG 4569 Level 3
- Radial Tires 80/335 R20 with heavy duty wheel rims and RunFlat inserts
- Self-Sealing fuel tanks
- Fully automatic Central Tire Inflation System (CTIS)

Vehicle Electrics

- Headlights, taillights, turn signals, number plate light LED type
- 4 LED search lights: at the cabin roof top and top hood with dashboard controls
- LED interior lights
- Black-Out mode for all lights
- Custom made dashboard with additional touch screen gauge cluster.
- 7" LCD screen gauge cluster
- 2 CCD day/night camera (front and rear view) + 7" monitor in dashboard
- Thermal imaging night driving camera connected to 7" monitor in dashboard (see article 3.2)
- 5 VDC ports USB type in dashboard
- NATO standard connectors: 3 for jump-start (front, rear and in battery box), 2 for trailer connection (front and rear)
- NATO Standard cables (jump-start with adaptor for different sockets, trailer)

Additional Equipment

- Front and rear A/C systems
- 2 additional exhaust fans at the rear side of vehicle with separate switch on dashboard
- Overpressure air filtration system with recirculation unit behind front seats
- Spare wheel on the rear door
- Open turret on electrical geared bearing
- A universal type gun mount for the 7.62 mm, 12.7 mm and 40 mm calibers
- Gunner stand
- Gun racks for the crew.
- Basic maintenance tool kit with hydraulic OEM lifting jack and fire extinguisher

Optional Equipment

- Automatic engine bay fire suppression system