

AL JASOOR



R A B D A N 6 x 6 I F V

RABDAN 6X6 is a new generation, amphibious, modular multi-wheel armoured vehicle with superior tactical and technical characteristics. The modular and highly protected body design of RABDAN 6x6 provides a multi-purpose platform that enables seamless integration of various types of mission equipment and weapon systems which meet the needs of modern armies in combat and peace keeping operations.





MOBILITY

- Proven mobility in challenging desert terrain
- Maximum driving stability on extreme off-road conditions under diverse climatic conditions
- Exceptional amphibious capability at combat weight

PROTECTION

- Flexible ballistic protection capability with modular add-on armour system
- Superior ballistic protection against KE projectiles and fragments
- High mine protection under wheel and belly
- All around protection against IED at short distance
- Chemical, Biological, Radiological and Nuclear (CBRN) protection
- Equipped with Automatic Fire Suppression System

ARMAMENT

Armoured platform ready for integration with:

- Remote Control Weapon Stations; 7.62mm, 12.7mm, 14.5mm machine gun, 40mm Automatic Grenade Launcher.
- Medium Calibre Weapon Systems; 20mm, 25mm, 30mm cannon.
- High Calibre Weapon Systems; 90mm cannon
- Mortar Systems
- Anti Tank, Air Defence Missile Systems

MODULARITY

- Payload, Internal Volume, and Hp/ton growth potential
- Open system architecture in electronic system ready for integration with C4I
- Modular protection with add-on armour system
- Flexible platform suitable for various mission profiles
- High logistic commonality and interchangeability amongst vehicle variants

TECHNICAL SPECIFICATIONS

WEIGHT AND DIMENSIONS

Gross Vehicle Weight	22500 kg
Maximum Crew Capacity	Up to 10, including driver and commander
Length	7000 mm
Width	2900 mm
Height Over Hull	2460 mm
Ground Clearance	420 mm
Engine	Turbo charged diesel engine 450 HP
TRANSMISSION	Automatic
AXLES	Differentials with lock and geared wheel hubs
SUSPENSION	Fully independent suspension with telescopic type shock absorber & helical spring
BRAKES	Pneumatic service brakes with discs on each wheel, dual circuit with ABS Pneumatic independent park brake system
STEERING	Power assisted, steerable 1st and 2nd axles
TYRES	14.00 R20 with run-flat system
ELECTRICAL SYSTEM	24 V, 12 V, 120 Ah Maintenance-free Batteries, 28 V Alternator

PERFORMANCE DATA

Maximum Speed	105 km/h
Swimming Speed	>8 km/h
Fording Depth	1500 mm
Side Slope	30%
Gradeability	60%
Vertical Obstacle	600 mm
Trench Crossing	1150 mm
Angle of Approach	42°
Angle of Departure	42°
Range	700 km

STANDARD FEATURES

Ramp Door with Emergency Exit
Self-Recovery Winch
Automatic Fire Extinguishing and Explosion Suppression System
Central Tyre Inflation System
Radial Tyres with Run Flat Inserts
Anti-Locking Brake System (ABS)
Air Conditioning System/Heater
5 Point Seat Belts
Adjustable Seats for Driver and Commander
Floating Floor
Roof Hatches
Gun Ports and Vision Blocks
Towing Eye

ARMATRONICS (Vehicle Electronics)

Driver's Vision Enhancement System
Driver Integrated Display
Blackout Lighting System
Logging and Replay System (Video and Vehicle Data)
Embedded Diagnostics
Jump Start Socket
Fog Lights
Provisions for C4I

OPTION

Amphibious Capability
CBRN Filtration & Detection System
Radio/Intercom System
Smoke Grenade Launchers
Auxiliary Power Unit
Situational Awareness System
Navigation System (GPS/INS)





VEHICLE VARIANTS

- Armoured Personnel Carrier
- Infantry Fighting Vehicle
- Command and Control Vehicle
- Reconnaissance Vehicle
- Mortar Carrier
- NBC Reconnaissance Vehicle
- Ambulance Vehicle

AL JASOOR
P.O. Box 137892
Masdar City
Abu Dhabi
United Arab Emirates
info@aljasoor.ae

aljasoor.ae