

AL JASOOR



**R A B D A N 8 x 8
R E C O V E R Y
V E H I C L E**



RABDAN 8 x 8

RECOVERY

VEHICLE



The Rabdan 8x8 Recovery Vehicle is an advanced, highly capable vehicle system built to perform heavy-duty recovery missions at the deepest levels of the battlefield thanks to a unique combination of high off-road mobility, heavy-duty recovery capabilities, high level of protection and payload capacity.



MOBILITY

The Rabdan Recovery Vehicle has a powerful 720 HP engine and is fully prepared to keep up with the armoured formations, manoeuvre in harsh terrains and intervene quickly and swiftly to perform its recovery mission on light and heavy duty vehicles.

PROTECTION

The Rabdan 8x8 Recovery Vehicle has a protection level similar to the fielded Rabdan IFV and is designed to protect its crew from the highest threats whilst on their mission to safely and efficiently recover vehicles in battlefields conditions.

HEAVY-DUTY RECOVERY

Highly capable to perform earth working operations with its dozer blade and to accomplish challenging recovery scenarios. The Rabdan 8x8 Recovery Vehicle is designed with a long boom Crane to remove and place turret systems, power packs and protection kits under harshest battlefield conditions.

PAYLOAD CAPACITY

The Rabdan 8x8 Recovery Vehicle has the ability to transport a spare power pack to the required location in the battlefield and perform its recovery duty on the damaged vehicle.





TECHNICAL SPECIFICATIONS —

WEIGHT AND DIMENSIONS

Gross vehicle Weight	36.000 kg
Growth Potential	40.000 kg
Seating Capacity	Driver, commander, and 2 technicians
Length (with recovery equipment)	9.4 m
Width	3.25 m
Height (with recovery equipment)	3.7 m

PERFORMANCE

Max. speed	90 km/h
Climbing capability	60%
Side slope capability	30%
Minimum Ground Clearance	0.45 m
Vertical Obstacle Crossing (with recovery equipment)	0.6 m
Trench Crossing	2 m
Cruising Range	700 km

ENGINE

6 Cylinders, Water Cooled,
Turbo Charged, Intercooled, Diesel
720 hp

TRANSMISSION

Automatic, 6 +1 gears
Retarder integrated

TRANSFER CASE

Two Speed with differential lock

AXLES AND SUSPENSION

8x6, 8x8 wheel drive

Fully Independent, Double wishbone independent suspension system with hydro pneumatic struts

BRAKES

Pneumatic service brakes with ABS

Pneumatic release independent park brake

STEERING

Hydraulically assisted steering

All-axles steerable

ELECTRICAL SYSTEM

24 V

Vehicle and Mission Batteries

RECOVERY EQUIPMENT

RECOVERY WINCH

Hydraulic Operated

35 t pulling capacity (can be doubled to 70 tons with snatch block)

Manual and Remote Control Capability

AUXILIARY WINCH

Hydraulic Operated

1 t pulling capacity

HYDRAULIC DOZER BLADE

Hydraulic operated by the driver inside the vehicle

Capable of earth working operations and obstacle/barrier clearing

Removable

TELESCOPIC CRANE

Nominal crane capacity: 19 meter-ton

Maximum Horizontal Reach: > 6 metres

Maximum Vertical Reach: > 9.5 metres

Rotation Angle: 360°

Wired and Wireless Control Options

OTHER

Hydraulically operated side stabiliser legs and rear anchor blade for levelling and stabilising the vehicle during recovery operations

Portable Generator, Welding Machine, Oxy-Fuel Cutting Kit, set of snatch blocks/shackles, maintenance tools, stowage racks etc.

Related provisions to carry spare power pack on the roof

STANDARD EQUIPMENT

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Driver's Vision Enhancement System

Situational Awareness System

CBRN Filtration System

Automatic Fire Suppression System

Central Tyre Inflation System

Radial Tyres with Run Flat Inserts

Ramp Door with emergency exit

Provision for C4I

OPTIONAL EQUIPMENT

Auxiliary Power Unit

Radio and Intercommunication System

Command, Control, Communications, Computers, & Intelligence (C4I) System

Navigation System (GPS/INS)

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