

AL JASOOR



RABDAN RECOVERY

**8x8 MOBILE REPAIR AND
RECOVERY VEHICLE**



RABDAN RECOVERY



Cutting-Edge Engineering and
Outstanding Survivability



MOBILITY

The 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 armored military vehicle.

PROTECTION

The 8x8 Recovery Vehicle has high ballistic and mine protection 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 ground working operations with its dozer blade and to accomplish challenging recovery scenarios. The 8x8 Recovery Vehicle is designed with a long boom Crane to dismount and carry and place turret systems, power packs and protection kits under harshest battlefield conditions. In addition, thanks to the vehicle-specific lift and towing equipment, the 8x8 Recovery Vehicle can tow another 8x8 vehicle with a missing first axle.





TECHNICAL SPECIFICATIONS

WEIGHT AND DIMENSIONS

Gross Vehicle Weight	40.000 kg
Growth Potential	Up to 45.000 kg
Seating Capacity	Driver, commander, and 2 technicians
Length (with recovery equipment)	10.5 m
Width	3.35 m
Height (with recovery equipment)	4 m

PERFORMANCE

Maximum 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

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 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

STANDARD EQUIPMENT

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

Hinge Type Rear Door

Provision for C4I

TELESCOPIC CRANE

Nominal crane capacity: 25 meter-ton

Maximum Horizontal Reach: > 6 metres

Maximum Vertical Reach: > 8 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.

OPTIONAL EQUIPMENT

Radio and Intercommunication System

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

Navigation System (GPS/INS)

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

aljasoor.ae

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