

ERAF

شركة إيراڤ الصناعية المحدودة
ERAF Industrial Company Ltd.



ARMoured PERSONNEL CARRIER

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SPECIFICATIONS

ARMoured PERSONNEL CARRIER

GENERAL

◆ Basic Vehicle	Forward Facing Boxed Construction
◆ Configuration	Constant 4x4 Troop Carrier
◆ Gross Vehicle Weight	15.1 tonnes
◆ Curb Weight	11.6 tonnes
◆ Payload	3.5 tonnes
◆ Wheel Base	2.78 meters
◆ Length	5.8 meters
◆ Width	2.58 meters
◆ Height	2.58 meters
◆ Ground Clearance	340 mm
◆ Max Speed on roads	100 Km/h
◆ Crew and Passenger	2+10
◆ Suspension Front	Twin Parabolic Leaf Spring With Telescopic Dampers
◆ Suspension Rear	Multi Parabolic Leaf Spring With Telescopic Dampers
◆ Number of Driven Wheels	4
◆ Angle of Approach	30°
◆ Angle of Departure	45°
◆ Gradient	60%

Engine

◆ Make	Mercedes
◆ Model	OM 926 LA Euro III
◆ Fuel Supply	Common Rail Diesel Injection
◆ Max Gross Power	205 kW : 275 HP
◆ Max Gross Torque	1,200 Nm @ 1,200 rpm - 1,600 rpm
◆ Fuel Tank	200 Ltrs.
◆ Power to Weight Ratio	230 hp / T

Transmission

◆ Transmission Make And Model	Allison 2500 SP
◆ Transmission Selection	Automatic 6 Speed
◆ Transfer Case Make And Model	DGS TCA850 (Two Shaft)
◆ Transfer Case Selection	Pneumatic Selection with Diff Lock

Brakes

◆ System	Air Actuation. Floor mounted Brake Pedal in Driver's Compartment. Anti-lock Breaking System (ABS).
◆ Park (Emergency) Brake System	Spring actuate, Cam Type Drum Brakes

Axles

◆ Front Axle	Mercedes AL5 Steered Rigid Axle Hypoid Driven With Differential Lock
◆ Rear Axle	Mercedes AM4 Rigid Axle Hypoid Driven With Differential Lock

Wheels and Tyres

◆ Wheels	Steel Rims fitted with RFI
◆ Tyres	Michelin XZY Construction 385/60R22.5
◆ Power Steering	Standard
◆ CTIS	Option
◆ RFI's	Option

Electrical System

◆ Voltage	Primarily a 24 V DC system capable of providing 12 V DC.
◆ Battery	2 Bosch 12 V x2, 170 amp/h
◆ Alternator	Two x 105A

Bodyworks and Fittings

◆ Main Body	Monocoque box shaped hull with cab over engine design. Dual Layer Spaced Armor Protected up to BS EN 1522 FB7
◆ Glass	Armour glass - clear for windscreen FB7
◆ Gun Ports	Total of 7 ports
◆ Doors	Existing 4 x Side Doors + 1 Rear fitted to accommodate all internal and external parts.
◆ Recovery/towing	Towing Lugs (rear), Lifting Lugs (as per client specifications) and 4 Tie-down Points
◆ Barrier Remover / Pusher	1.5 T.

Air Conditioning System

◆ Able to maintain internal temperature of 20°C to 28°C with an outside environment of 50°C (17% RH) or -19°C (0% RH).
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Protection

◆ Fire Suppression System	Crew and Passenger Compartment
◆ Smoke Discharger	Fitted with two extractor fans yielding 20 Air Changes per Hour for the vehicle Manual dashboard activation and deactivation capability.
◆ Blast Protection	STANAG level I
◆ Ballistic Protection	FB7

Accessories

◆ GPS System	
◆ Auxiliary Alternator for ancillaries	
◆ First Aid Kit	
◆ Hydraulic Jack And Vehicle Tools	
◆ Public Address System	Option

Weapon Mount - Option

◆ A retractable pintle mount for 7.62mm light/medium machine guns. (as per client specifications)

Fridge - Option

◆ 40 litre nominal capacity fridge with small freezer compartment provided in the rear crew area (as per client specifications)
