

ERAF

شركة إيراف الصناعية المحدودة
ERAF Industrial Company Ltd.



BALKAN MK3 VEHICLE

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SPECIFICATIONS

BALKAN

MK3

VEHICLE

GENERAL

◆ Configuration	Hig4X4
◆ Combat Weight	8618 Kg
◆ Vehicle Weight	7640 kg
◆ Wheel Base	3581 mm
◆ Length	5985 mm
◆ Width	2387 mm
◆ Height	2340mm
◆ Ground clearance	266-375mm
◆ Payload	1134Kg
◆ Power output	325 HP
◆ Max. Speed on roads	110 km/h
◆ Crew in its personnel carrier version	8+2
◆ Suspension Front	Coil moonbeam, shock absorbers, stabilizer bar
◆ Suspension Rear	Non independent live axle with leaf springs:
◆ Number of drive wheels Steering	6 power recalculating ball

TRANSMISSION AND AXLES

◆ Numbers of Wheels	2+4
◆ Number of drive wheels	2+4
◆ Transmission:	Gear Ratios:I,II,III,IV,V,VI
◆ Driveline:	4x4 shift on the fly, 4.88 ratio limited slip differential
◆ Brakes on 4 wheel vented disc ABS	

HULL

◆ Mounted on the Ford F550 4x4 chassis	
◆ Hull is done with steel frame attached armor plate 6mm inside and additional composite material outside with plastic cover.	
◆ The BALKAN MK3 with THIKA INEPLATE™ blast protective material in the walls and belly exceeds the requirement of the NATO STANG regulation 4569 level 2 or Europe standard B5+	
◆ Floor protection in vehicles greatly exceeds the NATO Satang 4569 level 1	
◆ In addition to its frontal armor, the firewall is a second armored wall that further protects the driver and front passenger from a frontal attack.	
◆ Doors: The vehicle is fitted with four side doors and either a single rear door or 30%-70% double rapid deployment doors	
◆ 45 mm glass/polycarbonate construction	
◆ Firing ports with vision all around (9)	

STANDARD EQUIPMENT

◆ Fuel tanks.	151 liter
◆ Manual fire extinguisher.	
◆ First aid kit and fire extinguisher in front	
◆ Rear pintle hook installed below Foot rail	
◆ Ballistic fuel tank armoring	
◆ Lockable fuel door	
◆ Reinforced door pillars and posts	

ELECTRICAL SYSTEM

◆ Voltage	24V
◆ Battery	Dual 12V Gel battery system
◆ Alternator	95Amps, 78 AH, 750 CCA
◆ All wires are loomed and clearly marked	
◆ Equipment & accessories control console	
◆ 4 wheel vented disc ABS	

ENGINE

◆ Engine:	6.0L Power Stroke Diesel v-8
◆ Engine Type	V-8, iron block and heads
◆ Bore	3.74 x 4.13 in
◆ Displacement	363 cu in, 5954 cc
◆ Compression Ratio	18.0:1
◆ Fuel Injection	Electro-hydraulic with generation 2 fuel injection
◆ Valvetrain	OHV, 4 valves per cylinder
◆ Horsepower (projected)	325 hp @ 3,300 rpm
◆ Torque (projected)	570 lb-ft @ 2,000 rpm
◆ Oil Capacity	15.0 qt
◆ Coolant Capacity	28.5 qt
◆ Transmission Type	Gear Ratios:I,II,III,IV,V,VI
◆ Available axle ratios	3.73:1, 4.10:1, 4.30:1

WHEELS AXLES AND TYRES

◆ Numbers of Wheels	2+4
◆ Tires	OEM Tire Size: 225/70/R19.5
◆ Rim	V-Steel R 185

COMMUNICATION NAD NAVIGATION

◆ Communication systems Very high frequency	Panther radio equipment,
◆ Communication systems high frequency	Radio equipment

COMMUNICATION NAD NAVIGATION SYSTEM

◆ Fitted with a Nimer Ring Mount	
◆ Provides fire support and gunner protection	
◆ Armor protection against small arms 7.62 mm ball and amour piercing and shell fragments	
◆ All round vision without Turret rotation through armored glass	
◆ 127 mm Retractable	

AIR CONDITIONING SYSTEM

◆ Air conditioning Front/Rear	
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