

# RHINO RANGER



**Hardshell**



## ARMORED ENHANCEMENTS

- Protected Against /upto Rifle 7.62x51 Caliber\* Bullet Type - FJ1/PB/SC
- Blast protection -V hull Monocoque Stanag level 2A
- 360 Degree Rotation Search Light.
- 7.62 or 12.7 mm machine gun mounted on a rotatable platform on the roof of the vehicle.
- 360 Degree Gunner Protection.
- Rated Pull Line 17 Tons Industrial Winch.
- Emergency Exit Hatch.
- Featuring 12V Electrical System and have Auxillary Battery Digital Management Battery System.
- LED Dome Lights on Front and Rear Cabin.
- Independent Heater and Air Condition System.
- Video Surveillance and Monitoring System.
- Crew seats with blast mitigation, body and head Lateral support and head-rest.
- All seats with 4 -point safety harnesses with quick-release.
- Seats comply with all the automotive legislation including seat belt anchorage test 76/115/EEC M2.
- Heavy Duty Vehicular Handles.
- Heating Option (Optional) for all Transparent areas is provided (Ballistic Glass).
- Vehicle can be fitted with add-on armor.
- Electronic Rust Protection System.
- Automatic Fire Extinguishing System in Engine Bay & Tyres.
- Two (2) storage boxes for tools and spares.
- Front heavy duty ram bumper of the vehicle are designed to withstand the damage from ramming obstacles.
- Vehicle sides are equipped with stand-on running boards and fenders.
- Sand & Transmission Guard.
- Heavy duty Door Hinges.
- Hydraulic Operated Bonnet System.
- Towing Hooks on the front and rear of the Vehicle.
- Heavy Duty Runflats on all Tyres.
- Driver and commander seats with floor -mounted blast mitigation units, 60mm height adjustment, 160mm slide-rail adjustment, head-rest and head lateral support, back angle adjustment.





# SPECIFICATION

**ENGINE** 6.7 LV8 TURBO DIESEL  
**TRANSMISSION** 10 SPEED AUTOMATIC  
**FUEL TYPE** DIESEL  
**AXLE** TWIN-I-BEAM,  
 SOLID TWIN-COIL MONOBEAM AXLE  
 REAR -SOLID AXLE  
**HORSEPOWER** 330 HP AT 2600 R P M\*  
**TORQUE** 1118 NM AT 2000 R P M\*  
**SUSPENSION** FRONT - MONO BEAM WITH COIL  
 SPRING & STABILIZER BAR  
 REAR - LIVE AXLE WITH LEAF  
 SPRING & STABILIZER BAR  
**TIRE SIZE** 335/85 R 20  
**DRIVING CONFIGURATION** SELECTABLE 4WD  
**DRIVE TRAIN** 4 X 4 ELECTRONIC SHIFT  
**DOORS CONFIGURATION** 5 DOORS  
**SEATING CONFIGURATION** 10 = 2 + 8  
 10 = 2 + 2 + 6



**BRAKES** FRONT AND REAR DISC BRAKES  
**CTIS** N/A  
**FUEL CAPACITY** DUAL TANK 260 L  
**OPERATION RANGE** 800 KMS  
**LENGTH** 6264 MM  
**WIDTH** 2458 MM  
**HEIGHT** 2384 MM  
**WHEELBASE** 3576 MM  
**GROUND CLEARANCE** 320 MM  
**CURB WEIGHT** 7300 KG  
**PAYLOAD CAPACITY** 1500 KG  
**GROSS VEHICLE WEIGHT** 8800 KG

## BALLISTIC SPECIFICATION\*

Application for		For Comparison		Weapon Type (Examples)	Cartridges	Information about Test Ammunition				Excerpts taken from the Test Conditions	
VPAM PM 2007 VPAM BRV 2009 VPAM BSW 2008 VPAM HVN 2009	VPAM BRV 2009 VPAM BSW 2008 VPAM HVN 2009	DIN EN 1063 (BR) DIN EN 1522/23 (FR) VPAM BRV 1999 (VR) STANAG 4569 AEP55 (Level)	BR 5 FB 5 VR 5 (BRV 1999) BR 6 FB 6 VR 6 (BRV 1999)			Stanag Level 1 when in addition 5.56 x 45 mm (Typ: M193)	Calibre	Type	Mass [g] Hardness [HRC]	Manufacturer/Type	Shot Distance [m]
PM 7 VR 7	BSW 7 HVN 7				223 Rem. (5.56 x 45)	FMJ/SP/SCP	4.0 ± 0.1 g	MEN SS109	10 ± 0.5	950 ± 10	1805
PM 8 VR 8	BSW 8 HVN 8				308 Win (7.62 x 51)	FMJ/SP/SC	55 ± 0.1	MEN DM 111	10 ± 0.5	830 ± 10	3289
PM 9 VR 9	BSW 9 HVN 9				7.62 x 39	FMJ/SP/HCI	770 ± 0.1 Kern 4.7g Häre 85	BZ	10 ± 0.5	740 ± 10	2108
PM 9 VR 9	BSW 9 HVN 9				308 Win (7.62 x 51)	FMJ/SP/HCI	9.70 ± 0.2 Kern 4.00 ± 0.1 Häre 82 ± 2	MEN/CBC FNB 80	10 ± 0.5	820 ± 10	3261



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