

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
- Add on panel protection upto Rifle 7.62x51 Caliber* Bullet Type - FJ/PB/HC 1
- 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	DIN EN 1063 (BR) DIN EN 1522/23 (FR) VPAM BRV 1999 (VR) STANAG 4569 AEP55 (Level)			Calibre	Type	Mass [g] Hardness [HRC]	Manufacturer/ Type	Shot Distance [m]	Bullet Velocity V [m/s]	Bullet Energy [Joule]
PM 7 VR 7	BSW 7 HVN 7	BR 5 FB 5 VR 5 (BRV 1999)	Stanag Level 1 when in addition 5.56 x 45 mm (Typ: M193)	223 Rem. (5.56 x 45)	FMJ/IB/SCP	4.0 ± 0.1 g	MEN SS109	10 ± 0.5	950 ± 10	1805
PM 8 VR 8	BSW 8 HVN 8	BR 6 FB 6 VR 6 (BRV 1999)	Stanag Level 2	308 Win (7.62 x 51)	FMJ/IB/SC	.55 ± 0.1	MEN DM 111	10 ± 0.5	830 ± 10	3289
PM 9 VR 9	BSW 9 HVN 9	BR 7 FB 7 VR 7 (BRV 1999)		7.62 x 39	FMJ/IB/HCI	7.70 ± 0.1 Kern 4.10 Härte 62 ± 2	BZ	10 ± 0.5	740 ± 10	2108
				308 Win (7.62 x 51)	FMJ/IB/HCI	9.70 ± 0.2 Kern 4.00 ± 0.1 Härte 62 ± 2	MEN/CBC FNB 80	10 ± 0.5	820 ± 10	3261



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