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BESPOKE ARMORED CARS

MR-APC
MINE RESISTANT ARMORED
PERSONAL CARRIER / STANAG LEVEL 2

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HARD FACTS

ARMORING:	STANAG Level 2 (7.62 x 39 mm API BZ bullets, 30 m, 695 m/s)
MINE RESISTANCE:	6 kg blast from an AT Mine (2a & 2b)
TURRETS:	Up to 3 rotating turrets
SEATING CAPACITY:	2 + 6 / 2 + 8
PAYLOAD CAPACITY:	1,500 kg
HORSEPOWER:	330 hp / 1,017 Nm torque
FUEL RANGE:	645 km
BASE VEHICLE:	Ford F550

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EXTERIOR

Mine resistant (under any wheel & under center) / blastproof floor

Up to 3 rotating turrets incl. gunner protection

9 Gunports for offense

Heavy duty offroad APC

Inverted door design for higher protection

Optimized armored glass design for minimal weight

Storage boxes & grab handles outside

Bespoke designs available

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INTERIOR

Simple & effective interior for highest operational usability

Controls to be reached by the driver, co-driver and commander

Up to 8 blast seats for the passengers in the rear

Raising gunner platform incl. protection

Triple roof hatch / up to 3 turret ports

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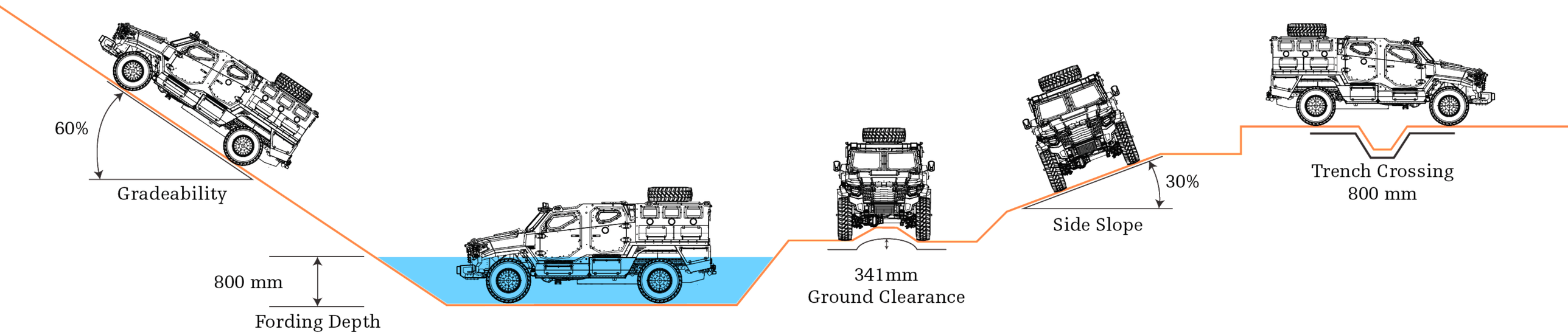
PERFORMANCE



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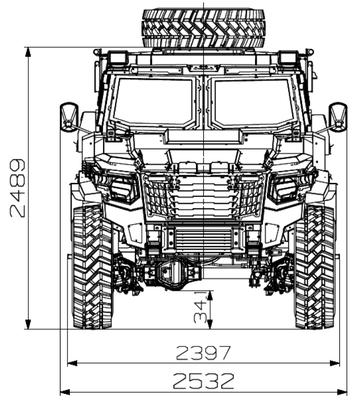
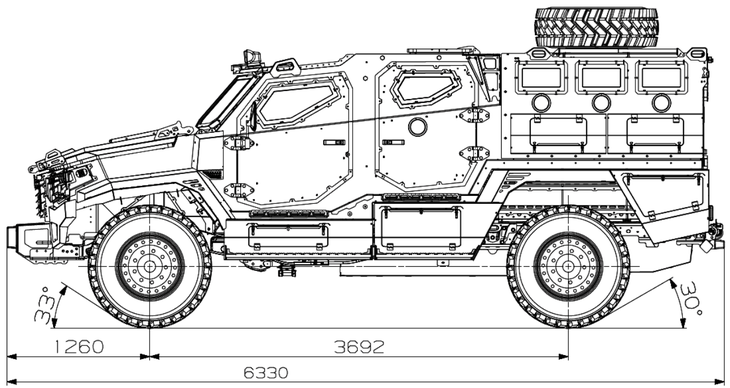
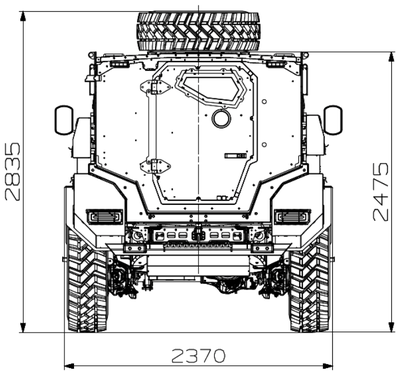
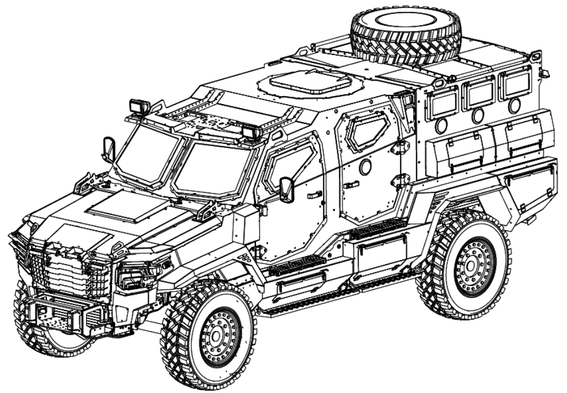
DIMENSIONS









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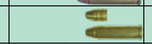
TECHNICAL SPECS

ENGINE:	6.7l V8 turbo-diesel
TRANSMISSION:	TorqShift 10 speed automatic
POWER:	330 hp / 1,017 Nm torque
MAX. SPEED:	100 km/h
RANGE:	645 km
FUEL TANK:	151 liters
CURB WEIGHT:	7,800 kg
PAYLOAD:	1,500 kg

TYPES OF AMMUNITION
ACCORDING TO TESTING GUIDELINE APR 2006

VPAM
Vereinigung der Prüfstellen für angriffshemmende Materialien und Konstruktionen

VPAM ZD #01
Stand: 01.02.2020

Prüfstufe	Anwendung bei: VPAM PM 2007	VPAM BRV 2009	VPAM BSW 2006	VPAM HVN 2009	zum Vergleich *): DIN EN 1063	DIN EN 1522/23	VPAM BRV 1999	STANAG 4569 AEP55	Waffenart (Beispiel)	Patrone	Angabe zur Prüfmunition: Kaliber	Art	Nenn-masse [g]	Hersteller Typ Mantel-material	Auszüge aus den Prüfbedingungen: Schussentfernung **) s [m]	Geschossgeschw. v [m/s]	Geschossenergie E [J]
1	PM 1	VR 1	BSW 1	HVN 1	BR 1	FB 1	VR 1				22 LR	L/RN	2,6	Winchester	10 ± 0,5	360 ± 10	168
2	PM 2	VR 2	BSW 2	HVN 2							9mm Luger	FMJ/RN/SC	8,0	DAG DM 41 Stahl	5 ± 0,5	360 ± 10	518
3	PM 3	VR 3	BSW 3	HVN 3	BR 2	FB 2	VR 2				9mm Luger	FMJ/RN/SC	8,0	DAG DM 41 Stahl	5 ± 0,5	415 ± 10	689
4	PM 4	VR 4	BSW 4	HVN 4	BR 3	FB 3	VR 3				357 Mag.	FMJ/CB/SC	10,2	Geco Stahl	5 ± 0,5	430 ± 10	943
					BR 4	FB 4	VR 4				44 Rem.Mag.	JSP/FN/SC	15,6	Speer Nr. 4454 Tombak	5 ± 0,5	440 ± 10	1510
5	PM 5	VR 5	BSW 5	HVN 5							357 Mag.	FMs/CB	7,1	DAG Spezial	5 ± 0,5	580 ± 10	1194
6	PM 6	VR 6	BSW 6	HVN 6							7,62 x 39	FMJ/PB/FeC	8,0	PS Stahl	10 ± 0,5	720 ± 10	2074
7	PM 7	VR 7	BSW 7	HVN 7	BR 5	FB 5	VR 5	Level 1 ***)			223 Rem. (5,56x45mm)	FMJ/PB/SCP	4,0	MEN SS 109 Stahl	10 ± 0,5	950 ± 10	1805
					BR 6	FB 6	VR 6				308 Win. (7,62x51mm)	FMJ/PB/SC	9,55	MEN DM 111 Stahl	10 ± 0,5	830 ± 10	3289
8	PM 8	VR 8	BSW 8	HVN 8				Level 2			7,62 x 39	FMJ/PB/HCl	7,7	BZ Stahl	10 ± 0,5	740 ± 10	2108
9	PM 9	VR 9	BSW 9	HVN 9	BR 7	FB 7	VR 7				308 Win. (7,62x51mm)	FMJ/PB/HC	9,6	FNB P 80 Tombak	10 ± 0,5	820 ± 10	3261
10	PM 10	VR 10	BSW 10	HVN 10				Level 3			7,62 x 54 R	FMJ/PB/HCl	10,4	B32 Stahl	10 ± 0,5	860 ± 10	3846

*) Die Normen DIN EN 1063 (Sonderverglasung im Bauwesen) und DIN EN 1522/23 (Fenster und Türen) sowie STANG 4569 AEP 55 und VPAM BRV 1999 sind zum Vergleich angeführt. Anforderungen und Prüfbedingungen sind teilweise von den VPAM abweichend.
**) Sofern es hinsichtlich Geschossgeschwindigkeit, Pendelung und Auftreffpunkt notwendig ist, kann die Schussentfernung bei den Prüfstufen 1-10 angepasst werden.
***) Level 1, wenn zusätzlich mit 5,56 x 45 mm (Type: M193) geschossen wird
****) FMJ Vollmantel, JSP Teilmantel, CB Kegelspitzkopf, RN Rundkopf, PB Spitzkopf, FN Flachkopf, L Vollblei, SC Blei-Weichkern, FeC Eisen-Kern, SCP Blei-Weichkern mit Stahlpenetrator, HC Stahlhartkern, FMs Vollmessing, I Brandsatz

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