

# ARMoured PERSONNEL CARRIER



\* Color will change as per customer request

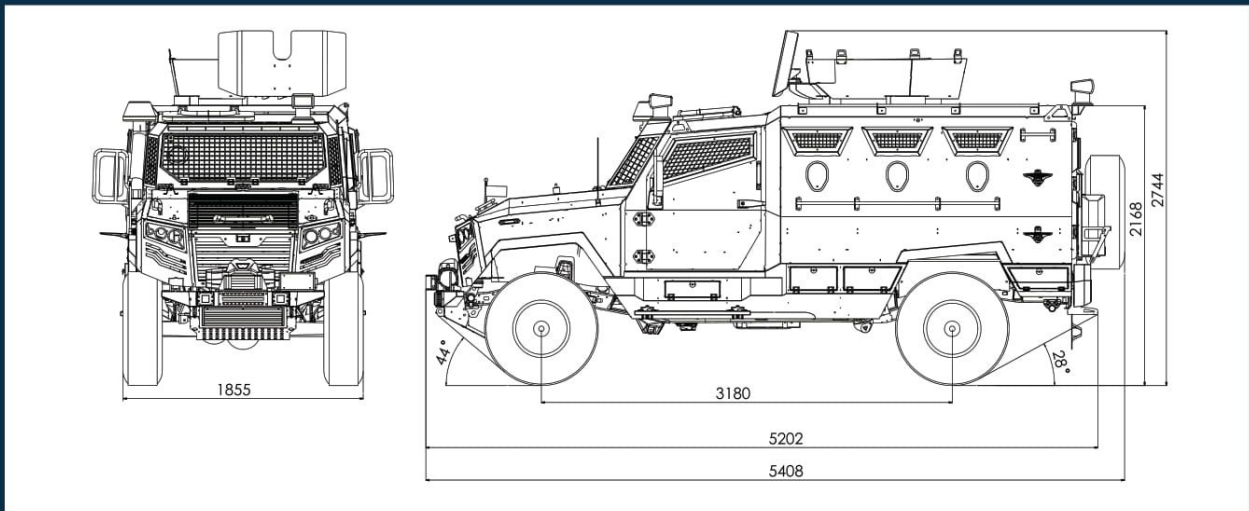
# ARMoured PERSONNEL CARRIER

The Armoured Personnel Carrier is designed for use in a wide range of military roles. It offers high levels of survivability, stability, mobility, and firepower. The vehicle offers a modular design, scalable levels of ballistic and mine blast protection. The armoured personnel carrier is armoured with certified ballistic material designed to resist incoming ballistic threats from any angle. The interior of the vehicle is customizable to accommodate communication systems and even emergency medical support equipment (field ambulance). Off-road tyres with run-flat system and narrow turning radius make this Armoured Personnel Carrier ideal for any mission.

**Protection level:-** B4+ Level / B6 Level / Stanag-1

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- Blast Resistant Seats
- Roof Mounted Light Bar
- STIS system



## SPECIFICATION

Seating	02 + 06		
GVW (Kg)	5650 **		
Payload (Kg)	800		
Engine	4.5 L V8 8 Cyl Diesel	4.2 Inline 6 Cyl Diesel	4.0 L V6 6 Cyl Gasoline
Engine Power (HP/KW)	203/151	126/94	228/170
Torque (N-m)	430	280	360
Transmission	5 Speed Manual		
Power to weight ratio	36 HP/ton (27 KW/ton)	22.3 HP/ton (17 KW/ton)	40 HP/ton (30 KW/ton)
Alternator	1x150 amps	1x80 amps	1x130 amps
Suspension	Front: - Dependent-coil spring Rear: - Dependent-leaf spring		
Brakes	Front: - Hydraulic disc brake Rear: - Hydraulic drum brake		

Max Speed (Kmph)	120
Min TCD (m)	14.4
Wheel base (mm)	3180
Wheel track front (mm)	1550
Wheel track rear (mm)	1460
Overall width (mm)	1855
Overall height (mm)	2168 (hull)
Overall length (mm)	5408
Tyres	LT285/75/R16
Spare wheel provision	Yes
Approach/departure angle (Deg)	44 / 28
Ground clearance (mm)	230
Fuel tank capacity (L)	130
Electrical	12 V

\*\* Weight mentioned for a B6 vehicle. B4+ vehicle weight provided upon request.

# ARMoured PERSONNEL CARRIER

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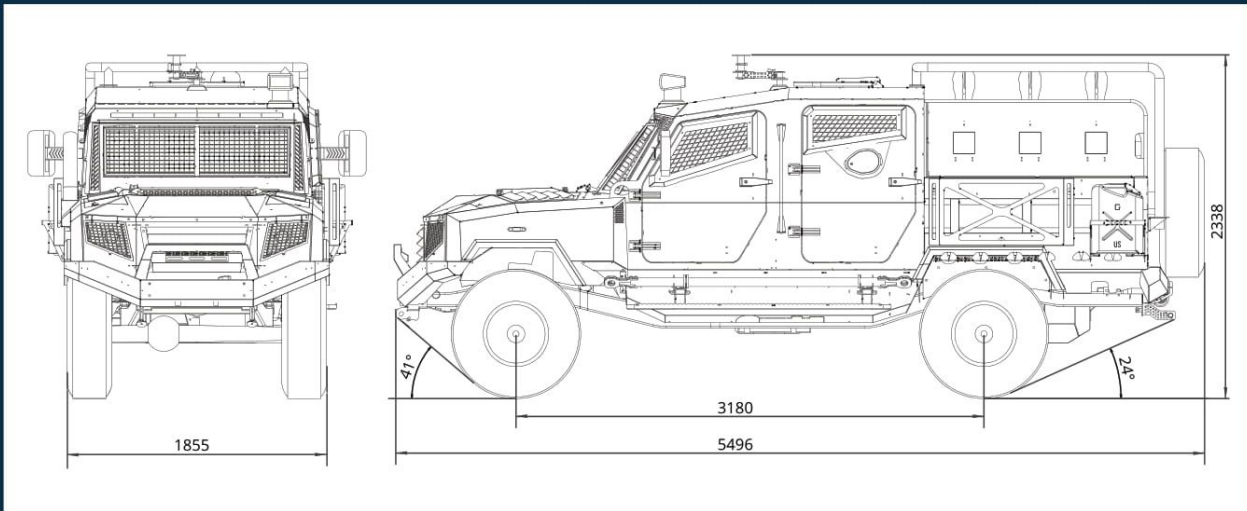
# ARMoured PERSONNEL CARRIER

The Armoured Personnel Carrier is designed for use in a wide range of military roles. It offers high levels of survivability, stability, mobility, and firepower. The vehicle offers a modular design, scalable levels of ballistic and mine blast protection. The armoured personnel carrier is armoured with certified ballistic material designed to resist incoming ballistic threats from any angle. The interior of the vehicle is customizable to accommodate communication systems. Off-road tyres with run-flat system and narrow turning radius make this Armoured Personnel Carrier ideal for any mission.

**Protection level:-** B4+ Level / B6 Level / B7 Level / Stanag-1 / Stanag-2

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- Blast Resistant Seats
- Roof Mounted Light Bar
- STIS system



## SPECIFICATION

Seating	02 + 08		
GVW (Kg)	5280 **		
Payload (Kg)	800		
Engine	4.5 L V8 8 Cyl Diesel	4.2 Inline 6 Cyl Diesel	4.0 L V6 6 Cyl Gasoline
Engine Power (HP/KW)	203/151	126/94	228/170
Torque (N-m)	430	280	360
Transmission	5 Speed Manual		
Power to weight ratio	38.5 HP/ton (28.6 KW/ton)	23.9 HP/ton (17.8 KW/ton)	43.2 HP/ton (32.2 KW/ton)
Alternator	1x150 amps	1x80 amps	1x130 amps
Suspension	Front: - Dependent-coil spring Rear: - Dependent-leaf spring		
Brakes	Front: - Hydraulic disc brake Rear: - Hydraulic drum brake		

Max Speed (Kmph)	120
Min TCD (m)	14.4
Wheel base (mm)	3180
Wheel track front (mm)	1550
Wheel track rear (mm)	1460
Overall width (mm)	1855
Overall height (mm)	2338
Overall length (mm)	5496
Tyres	LT285/75/R16
Spare wheel provision	Yes
Approach/departure angle (Deg)	41 / 24
Ground clearance (mm)	230
Fuel tank capacity (L)	130
Electrical	12 V

\*\* Weight mentioned for a B6 vehicle. B4+ and B7 vehicle weight provided upon request.

# ARMOURED PERSONNEL CARRIER

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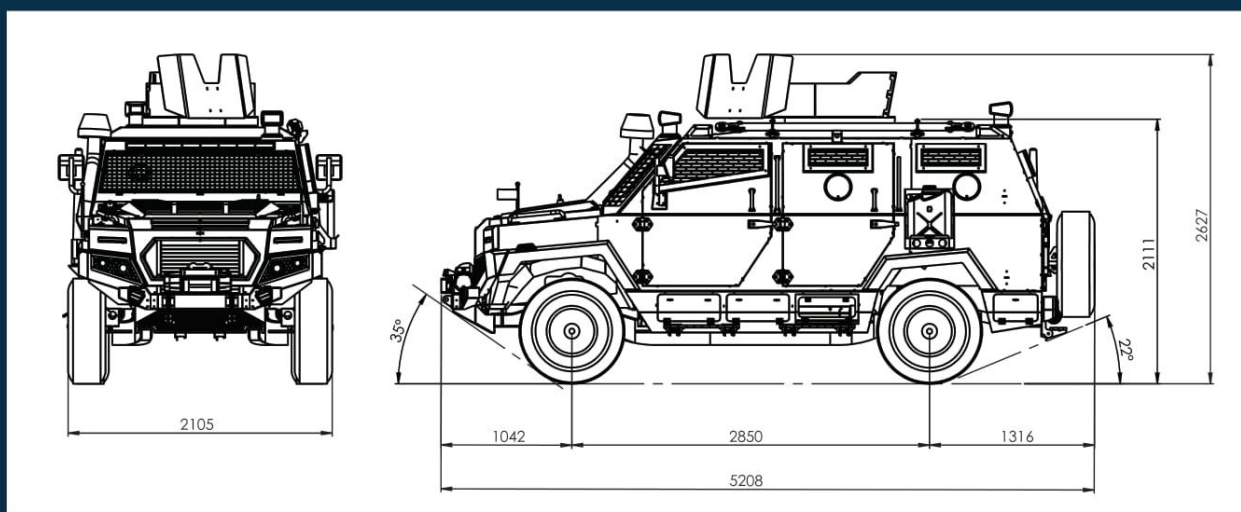
# ARMoured PERSONNEL CARRIER

The Armoured Personnel Carrier is designed for use in a wide range of military roles. It offers high levels of survivability, stability, mobility, and firepower. The vehicle offers a modular design, scalable levels of ballistic and mine blast protection. The armoured personnel carrier is armoured with certified ballistic material designed to resist incoming ballistic threats from any angle. The interior of the vehicle is customizable to accommodate communication systems and even emergency medical support equipment (field ambulance). Off-road tyres with run-flat system and narrow turning radius make this Armoured Personnel Carrier ideal for any mission.

**Protection level:-** B4+ Level / B6 Level / B7 Level / Stanag-1

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- Blast Resistant Seats
- Roof Mounted Light Bar
- STIS system



## SPECIFICATION

Seating	02 + 06			Max Speed (Kmph)	120
GVW (Kg)	5780 **			Min TCD (m)	11.8
Payload (Kg)	700			Wheel base (mm)	2850
Engine	4.5 L V8 Twin Turbo Diesel	4.6 L V8 Gasoline	5.7 L V8 Gasoline	Wheel track front (mm)	1680
Engine Power (HP/KW)	268/200	304/226	362/270	Wheel track rear (mm)	1675
Torque (N-m)	650	448	530	Overall width (mm)	2105
Transmission	5 Speed Manual / 6 Speed Automatic	6 Speed Automatic	6 Speed Automatic	Overall height (mm)	2111 (hull)
Power to weight ratio	46 HP/ton (35 KW/ton)	53 HP/ton (39 KW/ton)	63 HP/ton (47 KW/ton)	Overall length (mm)	5208
Alternator	1x150 amps			Tyres	LT295/70/R17
Suspension	Front: - Independent-coil spring Rear: - Dependent-coil spring			Spare wheel provision	Yes
Brakes	Front: - Hydraulic disc brake Rear: - Hydraulic disc brake			Approach/departure angle (Deg)	35 / 22
				Ground clearance (mm)	230
				Fuel tank capacity (L)	138
				Electrical	12 V

\*\* Weight mentioned for a B6 vehicle. B4+ vehicle weight provided upon request.

# ARMoured PERSONNEL CARRIER



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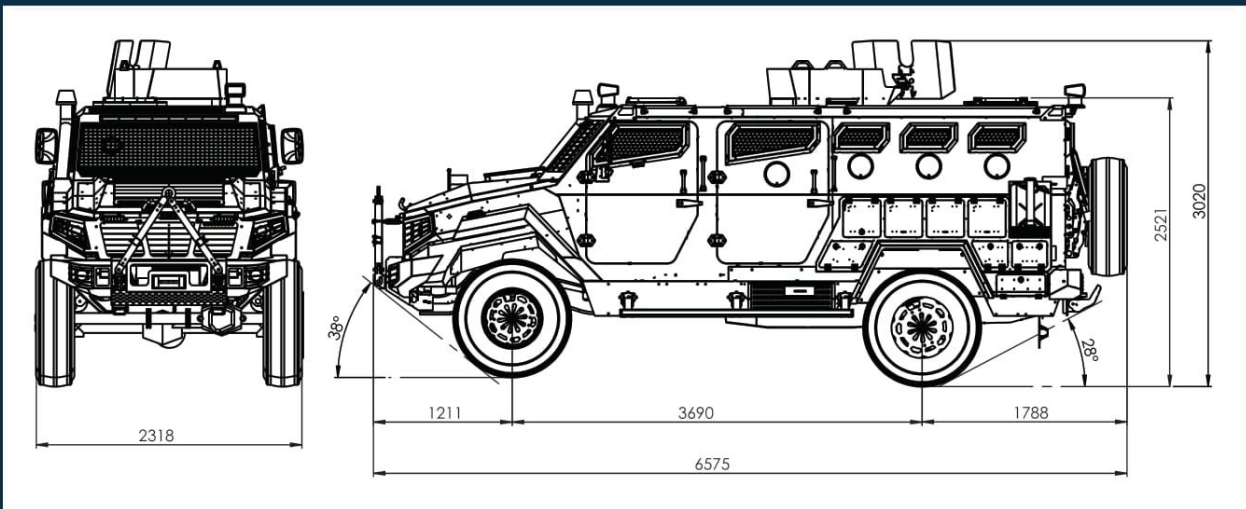
# ARMoured PERSONNEL CARRIER

The Armoured Personnel Carrier is designed for use in a wide range of military roles. It offers high levels of survivability, stability, mobility, and firepower. The vehicle offers a modular design, scalable levels of ballistic and mine blast protection. The armoured personnel carrier is armoured with certified ballistic material designed to resist incoming ballistic threats from any angle. The interior of the vehicle is customizable to accommodate communication systems and even emergency medical support equipment (field ambulance). Off-road tyres with run-flat system and narrow turning radius make this Armoured Personnel Carrier ideal for any mission.

**Protection level:-** B6 Level / B7 Level / Stanag-1 / Stanag-2

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- STIS system
- Blast Resistant Seats
- Roof Mounted Light Bar
- Three doors



## SPECIFICATION

Seating	02 + 08			Max Speed (Kmph)	130
GVW (Kg)	8420 **			Min TCD (m)	14
Payload (Kg)	1000			Wheel base (mm)	3690
Engine	6.7 L V8	6.7 L V8	7.3 L V8	Wheel track front (mm)	1900
	Turbo Diesel	Power Stroke Diesel	Gasoline	Wheel track rear (mm)	1880
Engine Power (HP/KW)	330/246	475/354	430/320	Overall width (mm)	2318
Torque (N-m)	1118	1428	644	Overall height (mm)	2521 (hull)
Transmission	10 Speed			Overall length (mm)	6575
	Automatic			Tyres	335/80/R20
Power to weight ratio	39.2 HP/ton	56.4 HP/ton	51 HP/ton	Spare wheel provision	Yes
	(29.2 KW/ton)	(42 KW/ton)	(38 KW/ton)	Approach/departure angle (Deg)	38 / 28
Alternator	2x166 amps			Ground clearance (mm)	300
Suspension	Front: - Dependent with coil spring			Fuel tank capacity (L)	250
	Rear: - Dependent with leaf spring			Electrical	12 V
Brakes	Front: - Hydraulic disc brake				
	Rear: - Hydraulic disc brake				

\*\* Weight mentioned for a B6 vehicle. B7 vehicle weight provided upon request.



# ARMOURED PERSONNEL CARRIER



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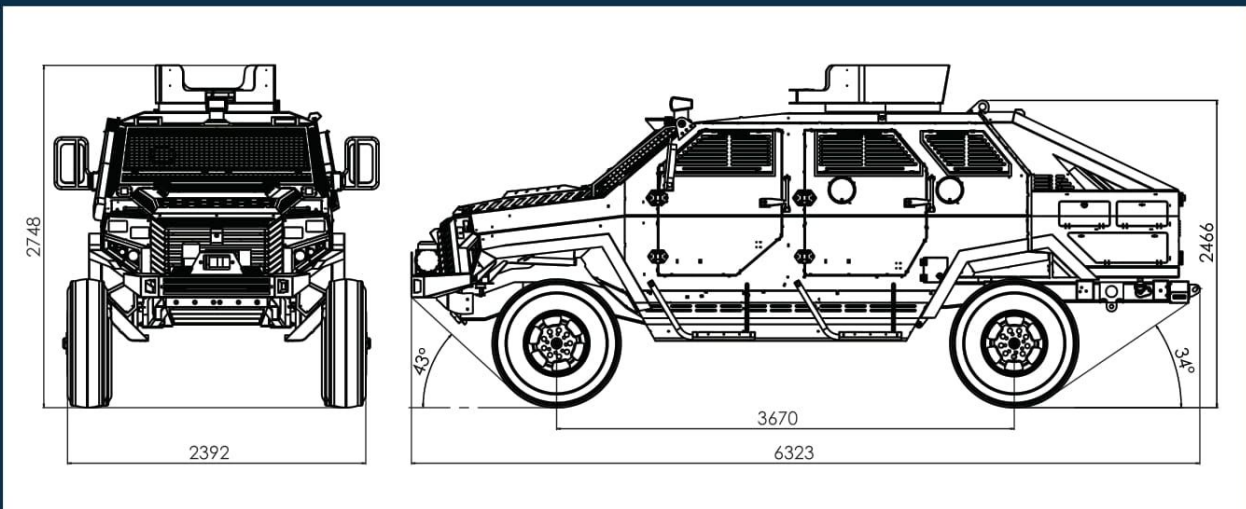
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**Protection level:-** B4+ Level / B6 Level / B7 Level / Stanag-1 / Stanag-2

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- STIS system
- Blast Resistant Seats
- Emergency escape hatch
- Roof Mounted Light Bar



## SPECIFICATION

Seating	02 + 06		Max Speed (Kmph)	130
GVW (Kg)	8900 **		Min TCD (m)	13
Payload (Kg)	1000		Wheel base (mm)	3670
Engine	6.7 L Inline	6.4 L V8	Wheel track front (mm)	1900
	6 Cylinder Diesel Cummins	Gasoline	Wheel track rear (mm)	1880
Engine Power (HP/KW)	325/242	370/276	Overall width (mm)	2392
Torque (N-m)	1020	584	Overall height (mm)	2466 (hull)
Transmission	6 Speed		Overall length (mm)	6323
	Automatic		Tyres	335/80/R20
Power to weight ratio	37 HP/ton	42 HP/ton	Spare wheel provision	Yes
	(27 KW/ton)	(31 KW/ton)	Approach/departure angle (Deg)	43 / 34
Alternator	2x220 amps		Ground clearance (mm)	300
Suspension	Front: - Dependent with coil spring		Fuel tank capacity (L)	250
	Rear: - Dependent with leaf spring		Electrical	12 V
Brakes	Front: - Hydraulic disc brake			
	Rear: - Hydraulic disc brake			

\*\* Weight mentioned for a Stanag level-2 vehicle. B6, B7 vehicle weight provided upon request.

# RAPID RESPONSE VEHICLE

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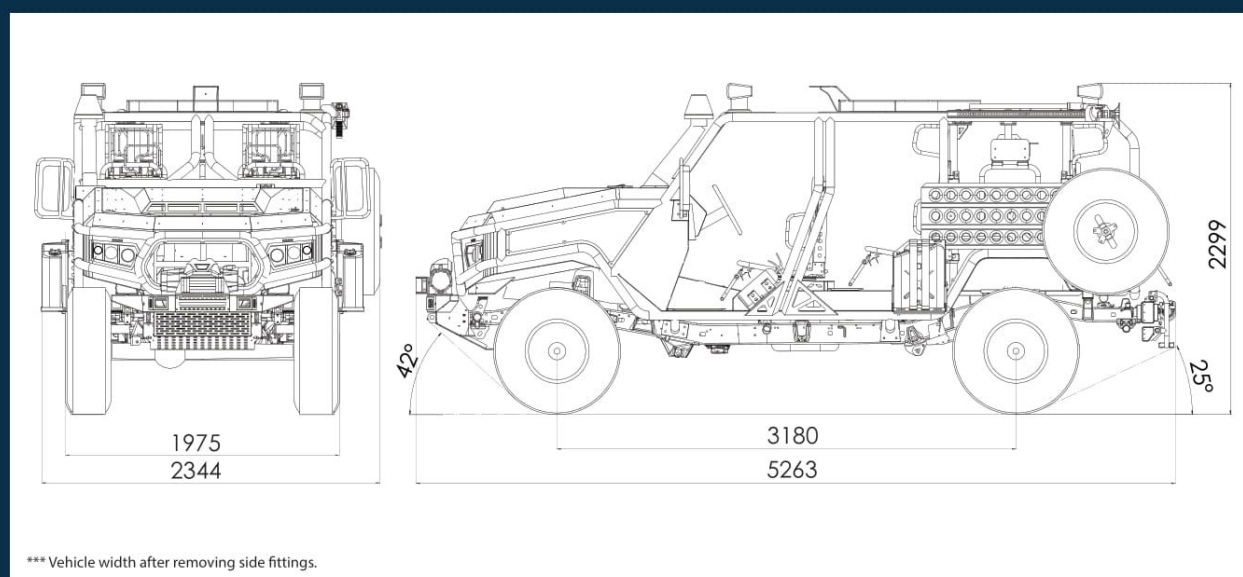
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# RAPID RESPONSE VEHICLE

The Rapid Response Vehicle is designed for use in a wide range of roles and offer greater versatility and efficiency. The seating in this vehicle is customizable. The body construction and design enables many configurations as well as enables the assembly of various weapons/equipment required by diverse missions. The special lightweight fabrication package is designed to minimize the GVW and maximize mobility and off-road capability.

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Gun mount
- Roof Mounted Light Bar
- Fire Suppression System
- STIS system



## SPECIFICATION

Seating	02 + 06		
GVW (Kg)	4300		
Payload (Kg)	900		
Engine	4.5 L V8 8 Cyl Diesel	4.2 Inline 6 Cyl Diesel	4.0 L V6 6 Cyl Gasoline
Engine Power (HP/KW)	203/151	126/94	228/170
Torque (N-m)	430	280	360
Transmission	5 Speed Manual		
Power to weight ratio	47 HP/ton (35 KW/ton)	29 HP/ton (22 KW/ton)	53 HP/ton (40 KW/ton)
Alternator	1x150 amps	1x80 amps	1x130 amps
Suspension	Front: - Dependent coil spring Rear: - Dependent leaf spring		
Brakes	Front: - Hydraulic disc brake Rear: - Hydraulic drum brake		

Max Speed (Kmph)	140
Min TCD (m)	14.4
Wheel base (mm)	3180
Wheel track front (mm)	1550
Wheel track rear (mm)	1460
Overall width (mm)	2344
Overall height (mm)	2299
Overall length (mm)	5263
Tyres	LT285/75/R16
Spare wheel provision	Yes
Approach/departure angle (Deg)	42 / 25
Ground clearance (mm)	230
Fuel tank capacity (L)	130
Electrical	12 V

# RAPID RESPONSE VEHICLE

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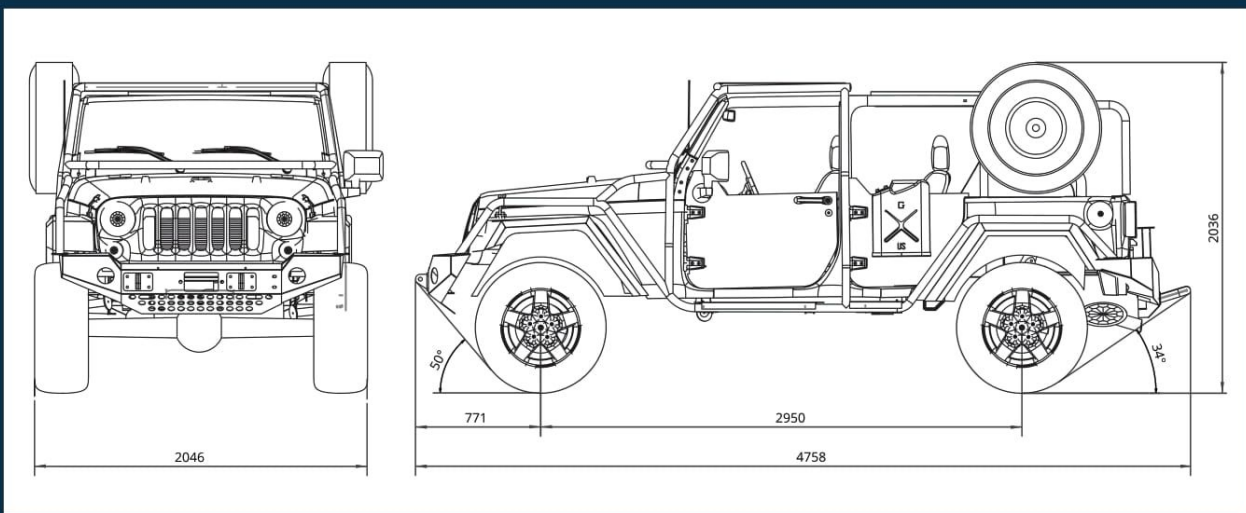
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# RAPID RESPONSE VEHICLE

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## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- STIS system
- Roof Mounted Light Bar
- Fire Suppression System
- Gun mount



## SPECIFICATION

Seating	02 + 03			Max Speed (Kmph)	180
GVW (Kg)	2500			Min TCD (m)	12.5
Payload (Kg)	500			Wheel base (mm)	2950
Engine	3.6 L V6 Gasoline	2.0 L Inline 4 Cyl Gasoline	3.0 L V6 Diesel	Wheel track front (mm)	1572
Engine Power (HP/KW)	285/212	270/201	260/194	Wheel track rear (mm)	1572
Torque (N-m)	352	400	599	Overall width (mm)	2046
Transmission	6 Speed Manual / 8 Speed Automatic	8 Speed Automatic	8 Speed Automatic	Overall height (mm)	2036
Power to weight ratio	114 HP/ton (85 KW/ton)	108 HP/ton (81 KW/ton)	104 HP/ton (78 KW/ton)	Overall length (mm)	4758
Alternator	1x160 amps			Tyres	LT 305/70/R18
Suspension	Front: - Dependent-coil spring Rear: - Dependent-coil spring			Spare wheel provision	Yes
Brakes	Front: - Hydraulic disc brake Rear: - Hydraulic disc brake			Approach/departure angle (Deg)	50 / 34
				Fuel tank capacity (L)	85
				Electrical	12 V

# MRAP

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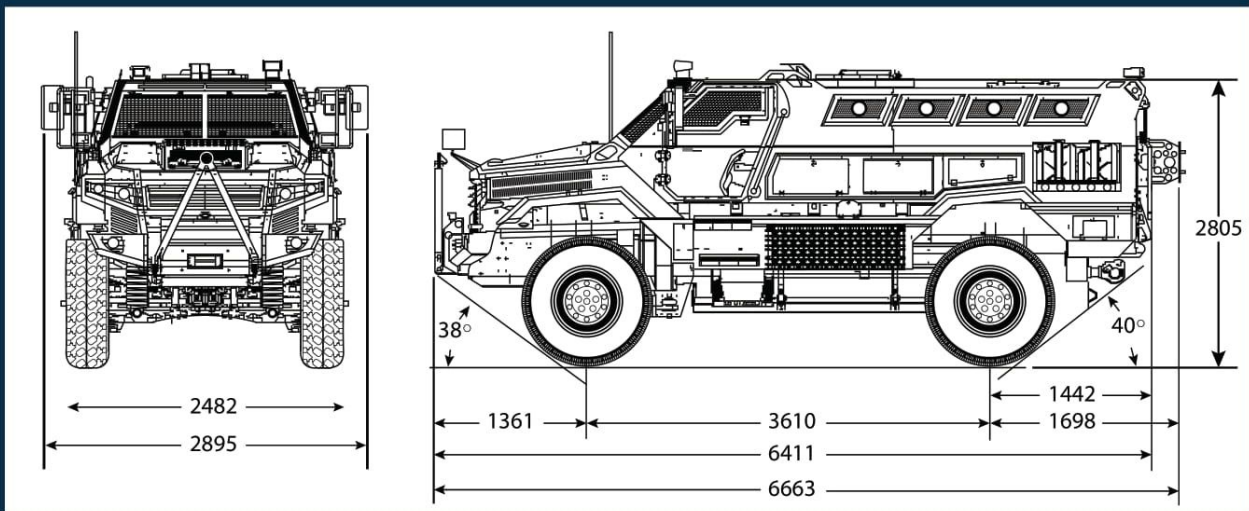
# MRAP

The Mine Resistant Ambush Protected (MRAP) is specifically designed to withstand mine blasts and ambushes. The MRAP provides a combination of interior capacity, tactical mobility and survivability. The vehicle possesses superior mobility, agility, handling, and ride quality through the utilization of a four-wheel independent suspension system. With minor modifications as required by the customer and appropriate outfitting, the MRAP variants can perform a wide variety of missions including scout, infantry personnel carrier, reconnaissance, command and recovery. The V Shape Hull design, high ground clearance and acute turning circle, allows for superior off-road capability. The vehicle has been put through rigorous testing to ensure it can support the fully loaded weight of the vehicle and payload on any terrain.

**Protection Level:-** B6 Level / B7 level / Stanag-2 / Stanag-2 ballistic with Stanag-4 blast

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- CTIS system
- Blast Resistant Seats
- Roof Mounted Light Bar
- All wheel independent suspension



## SPECIFICATION

Seating	02 + 10	Max Speed (Kmph)	110
GVW (Kg)	14500 **	Max. Gradeability (%)	>60%
Payload (Kg)	2500	Min TCD (m)	17.8
Engine	8.9 L Diesel 6 Cyl Inline Cummins	Wheel base (mm)	3610
Engine Power (HP/KW)	400 HP / 298 KW	Wheel track front (mm)	2100
Torque (N-m)	1627 N-m	Wheel track rear (mm)	2100
Transmission	Allison 3200 SP 6 Speed Automatic	Overall width (mm)	2500
Power to weight ratio	28 HP/ton 21 KW/ton	Overall height (mm)	2805 (hull)
Alternator	1 x 150 amps	Overall length (mm)	6411 (hull)
Suspension	Front: - Independent coil spring Rear: - Independent coil spring	Tyres	14/R20
Brakes	Front: - Pneumatic disc brake Rear: - Pneumatic disc brake	CTIS	Yes
		Approach/departure angle (Deg)	38 / 40
		Ground clearance (mm)	420
		Fuel tank capacity (L)	350
		Electrical	24 V

\*\* Weight mentioned is for Stanag level-2 ballistic with Stanag level-4 blast protection . Other protection weights will be provided upon request.



# MRAP

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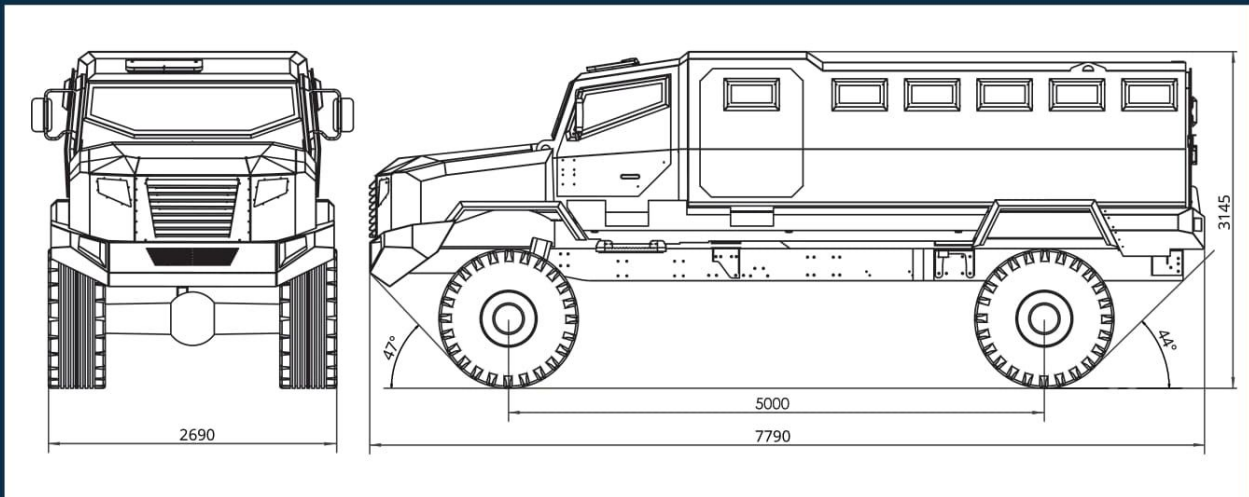
# MRAP

The Mine Resistant Ambush Protected (MRAP) is specifically designed to withstand mine blasts and ambushes. The MRAP provides a combination of interior capacity, tactical mobility and survivability. The vehicle possesses superior mobility, agility, handling, and ride quality. With minor modifications as required by the customer and appropriate outfitting, the MRAP variants can perform a wide variety of missions including scout, infantry personnel carrier, reconnaissance, command and recovery. The V Shape Hull design, high ground clearance and acute turning circle, allows for superior off-road capability. The vehicle has been put through rigorous testing to ensure it can support the fully loaded weight of the vehicle and payload on any terrain.

**Protection level:-** B6 Level / B7 Level / Stanag-2 / Stanag-3

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- Blast Resistant Seats
- Roof Mounted Light Bar



## SPECIFICATION

Seating	02 + 10	Max Speed (Kmph)	90
GVW (Kg)	17000 **	Min TCD (m)	24
Payload (Kg)	2500	Wheel base (mm)	5000
Engine	YAMZ 8 Cylinder V8	Wheel track front (mm)	2160
Engine Power (HP/KW)	330 HP/246 KW	Wheel track rear (mm)	2160
Torque (N-m)	1274	Overall width (mm)	2690
Transmission	8 Speed Manual	Overall height (mm)	3145 (hull)
Power to weight ratio	19.5 HP/ton (14.5 KW/ton)	Overall length (mm)	7790
Suspension	Front: - Dependent-leaf spring Rear: - Dependent-leaf spring	Tyres	550/75/R21
Brakes	Front: - Pneumatic drum brake Rear: - Pneumatic drum brake	Spare wheel provision	Yes
		Approach/departure angle (Deg)	47 / 44
		Ground clearance (mm)	370
		Fuel tank capacity (L)	2x250
		Electrical	24 V

\*\* Weight mentioned for a Stanag level-3, Stanag level-2, B6, B7 vehicle weight provided upon request.

# MRAP



\* Color will change as per customer request

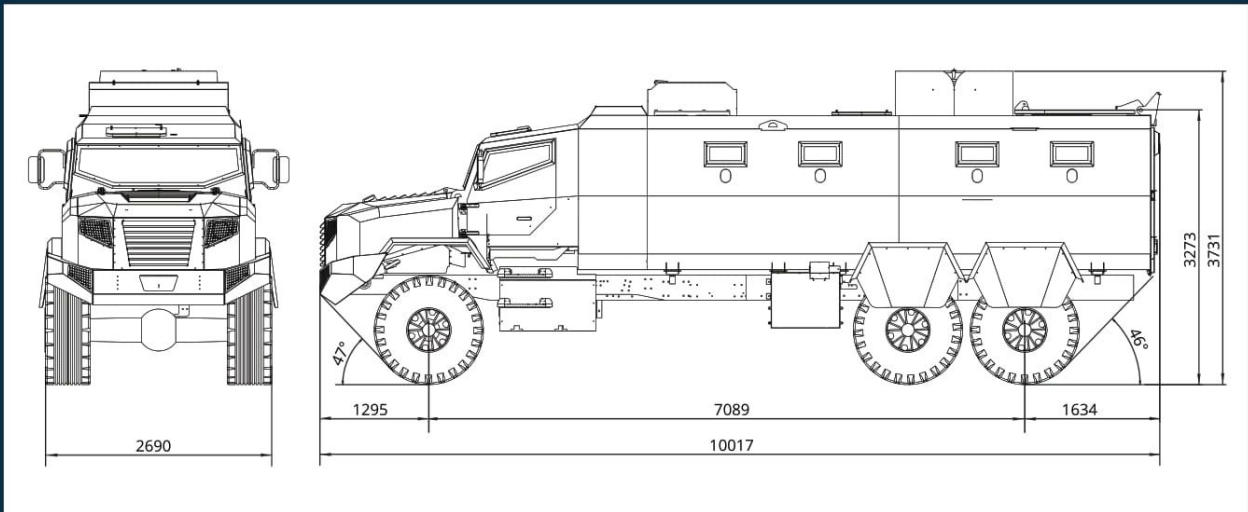
# MRAP

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**Protection level:-** B6 Level / B7 Level / Stanag-2

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- Blast Resistant Seats
- Roof Mounted Light Bar



## SPECIFICATION

Seating	02 + 24	Max Speed (Kmph)	80
GVW (Kg)	23000 **	Min TCD (m)	27
Payload (Kg)	4000	Wheel base (mm)	7089
Engine	YAMZ 8 Cylinder, V8	Wheel track front (mm)	2160
Engine Power (HP/KW)	330 HP/ 246 KW	Wheel track rear (mm)	2160
Torque (N-m)	1274	Overall width (mm)	2690
Transmission	6 Speed Automatic	Overall height (mm)	3273 (hull)
Power to weight ratio	14.5 HP/ton, (10.6 KW/ton)	Overall length (mm)	10017
Suspension	Front: - Dependent-leaf spring Rear: - Dependent-leaf spring	Tyres	550/75/R21
Brakes	Front: - Pneumatic drum brake Rear: - Pneumatic drum brake	Spare wheel provision	Yes
		Approach/departure angle (Deg)	47 / 46
		Ground clearance (mm)	370
		Fuel tank capacity (L)	2 x 250
		Electrical	24 V

\*\* Weight mentioned for a Stanag level-3, Stanag level-2, B6, B7 vehicle weight provided upon request.

# MRAP



\* Color will change as per customer request

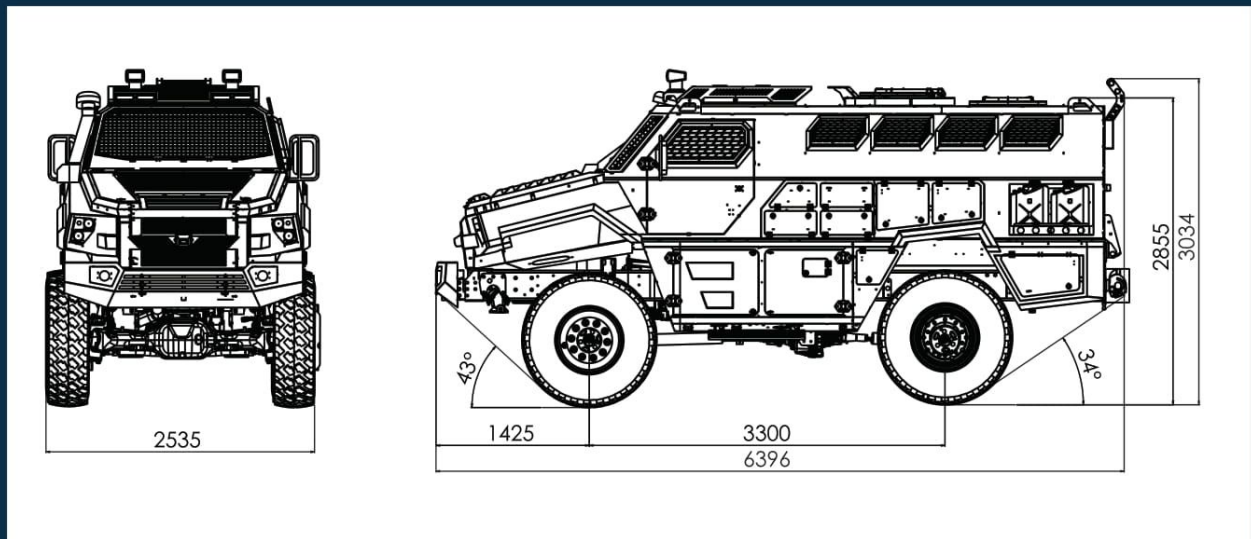
# MRAP

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**Protection level:-** B6 Level / B7 Level / Stanag-2 / Stanag-3

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- Blast Resistant Seats
- Roof Mounted Light Bar



## SPECIFICATION

Seating	02 + 10	Max Speed (Kmph)	90
GVW (Kg)	14800 **	Max. Gradeability (%)	60%
Payload (Kg)	2500	Min TCD (m)	17
Engine	8 L Inline 6 Cylinder Diesel	Wheel base (mm)	3300
Engine Power (HP/KW)	295 HP/220 KW	Wheel track front (mm)	2054
Torque (N-m)	1250	Wheel track rear (mm)	2020
Transmission	Allison 3200 SP 6 Speed Automatic	Overall width (mm)	2535
Power to weight ratio	20 HP/ton (15 KW/ton)	Overall height (mm)	2855 (hull)
Alternator	1x100 amps	Overall length (mm)	6396
Suspension	Front: - Dependent-leaf spring Rear: - Dependent-leaf spring	Tyres	14/R20
Brakes	Front: - Pneumatic drum brake Rear: - Pneumatic drum brake	Approach/departure angle (Deg)	43 / 34
		Ground clearance (mm)	400
		Fuel tank capacity (L)	300
		Electrical	24 V

\*\* Weight mentioned for a B7 vehicle, Stanag level-3. Stanag level-2, B6 vehicle weight provided upon request.

# TROOP CARRIER

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\* illustration purpose only

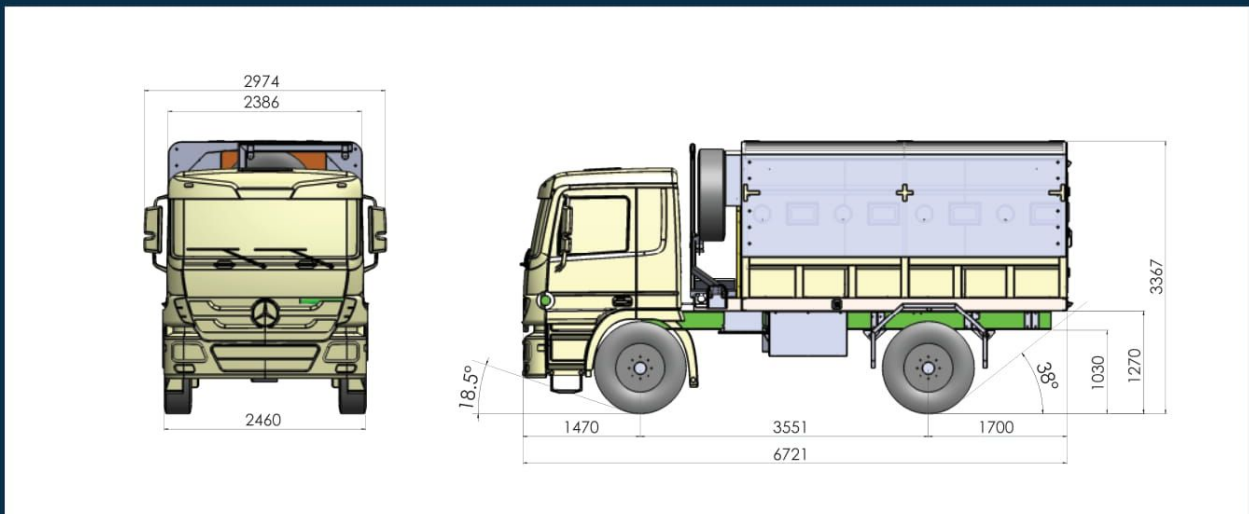
# TROOP CARRIER

MSPV's troop carrier offers exceptional off-road capability, reliability, and performance. The Troop Carrier helps in delivering troops to the combat fields and provides vital service to the front line operations. It can be upgraded to include improved armour, control and navigation systems. This allows user to have a single fleet for a multitude of requirements whilst ensuring common logistic support.

**Protection level :** B6 Level

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- Blast Resistant Seats
- Emergency escape hatch
- Roof Mounted Light Bar



## SPECIFICATION

Seating	02 + 16
GVW (Kg)	13500
Payload (Kg)	3000
Engine	4.25 L Inline 4 Cyl Diesel
Engine Power (HP/KW)	175/130
Torque (N-m)	675
Transmission	6 Speed Manual
Power to weight ratio	13 HP/ton 10 KW/ton
Suspension	Front: - Dependent-leaf spring Rear: - Dependent-leaf spring
Brakes	Front: - Pneumatic drum brake Rear: - Pneumatic drum brake

Max Speed (Kmph)	90
Min TCD (m)	16.4
Wheel base (mm)	3560
Wheel track front (mm)	2100
Wheel track rear (mm)	2050
Overall width (mm)	2460
Overall height (mm)	3367
Overall length (mm)	6721
Tyres	365/85/R20
Spare wheel provision	Yes
Approach/departure angle (Deg)	18.5 / 38
Ground clearance (mm)	315
Fuel tank capacity (L)	180
Electrical	24 V (2x12 V)



# TROOP CARRIER T9

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\* illustration purpose only

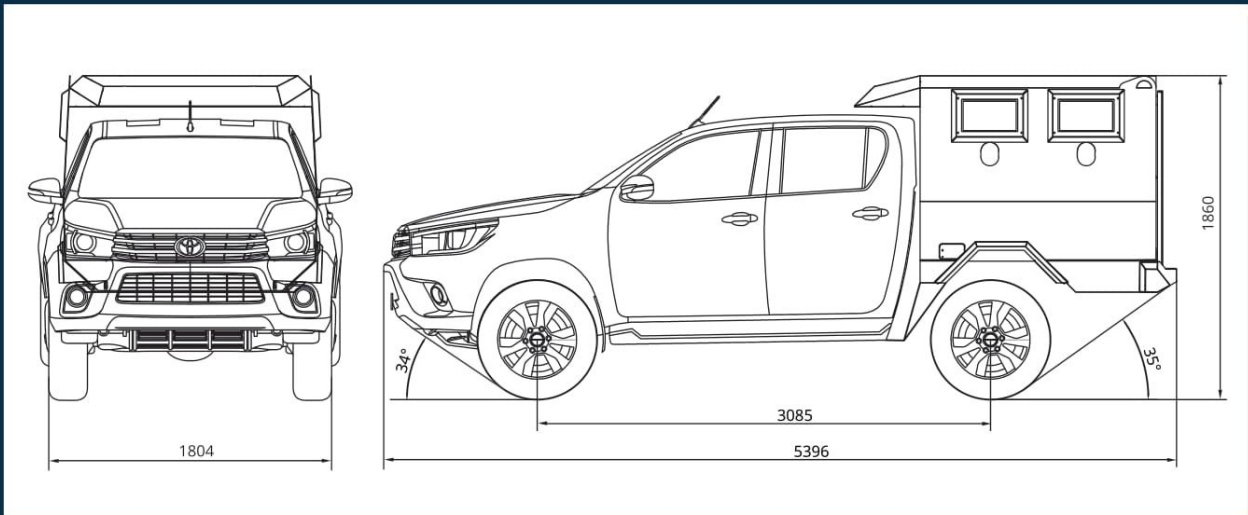
# TROOP CARRIER T9

MSPV's Troop Carrier helps in delivering troops to the combat fields and provides vital service to the front line operations. It can be deployed in the toughest of terrains, travelling long distances quickly. They are able to navigate and reach areas where larger vehicles are not suitable and effectively help in troop mobility. Its modular design makes it compatible to being reconfigured with different options to fit various roles. It can be upgraded to include improved armour, control and navigation systems.

**Protection level :** B4+ Level / B6 Level

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- 360 degree Gun Turret
- Blast Resistant Seats
- Emergency escape hatch
- Roof Mounted Light Bar
- STIS system



## SPECIFICATION

Seating	02 + 03 + 04		
GVW (Kg)	4900 **		
Payload (Kg)	800		
Engine	2.5 L Inline 4 Cyl Diesel	3.0 L Inline 4 Cyl Diesel	2.7 L Inline 4 Cyl Gasoline
Engine Power (HP/KW)	142/105	169/126	164/122
Torque (N-m)	343	343	250
Transmission	5 Speed Manual	5 Speed Manual / Automatic	6 Speed Automatic
Power to weight ratio	29 HP/ton (21 KW/ton)	34 HP/ton (26 KW/ton)	33 HP/ton (25 KW/ton)
Alternator	80 amps		
Suspension	Front: - Independent-coil spring Rear: - Dependent-leaf spring		
Brakes	Front: - Hydraulic disc brake Rear: - Hydraulic drum brake		

Max Speed (Kmph)	140
Min TCD (m)	12.8
Wheel base (mm)	3085
Wheel track front (mm)	1540
Wheel track rear (mm)	1540
Overall width (mm)	1804
Overall height (mm)	1860
Overall length (mm)	5396
Tyres	265/65/R17
Spare wheel provision	Yes
Approach/departure angle (Deg)	34 / 35
Ground clearance	212
Fuel tank capacity (L)	80
Electrical	12 V

\*\* Weight mentioned for a B6 vehicle. B4+ vehicle weight provided upon request.

# SINGLE CABIN TROOP CARRIER T8

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\* illustration purpose only

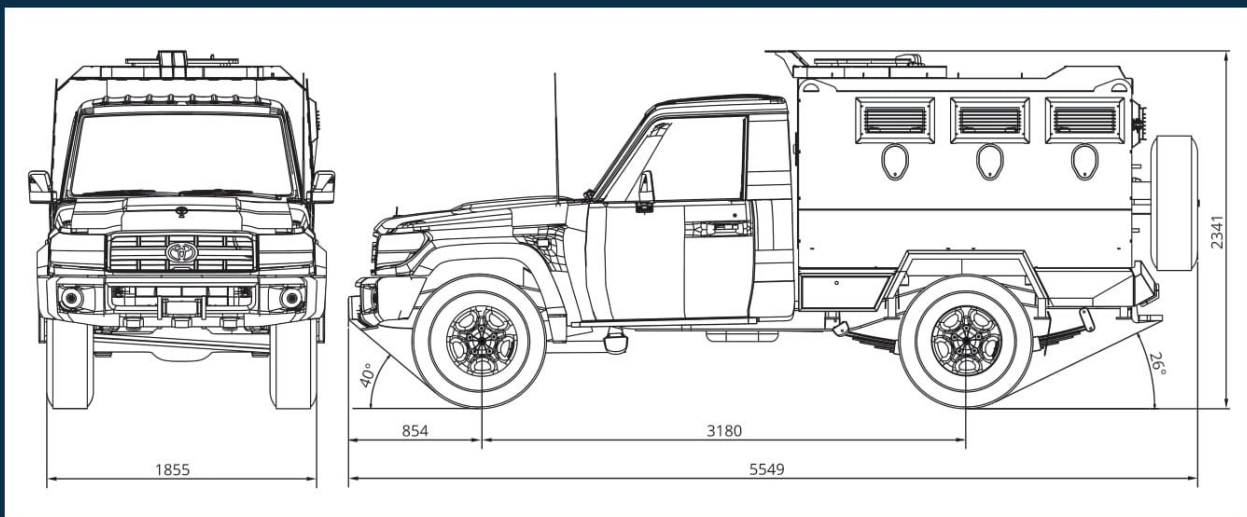
# SINGLE CABIN TROOP CARRIER T8

MSPV's Troop Carrier helps in delivering troops to the combat fields and provides vital service to the front line operations. It can be deployed in the toughest of terrains, travelling long distances quickly. They are able to navigate and reach areas where larger vehicles are not suitable and effectively help in troop mobility. Its modular design makes it compatible to being reconfigured with different options to fit various roles. It can be upgraded to include improved armour, control and navigation systems.

**Protection level :** B4+ Level / B6 Level

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- 360 degree Gun Turret
- Blast Resistant Seats
- Emergency escape hatch
- Roof Mounted Light Bar
- STIS system



## SPECIFICATION

Seating	02 + 06		
GVW (Kg)	5450 **		
Payload (Kg)	800		
Engine	4.5 L V8 8 Cyl Diesel	4.2 L Inline 6 Cyl Diesel	4.0 L V6 6 Cyl Gasoline
Engine Power (HP/KW)	203/151	126/94	228/170
Torque (N-m)	430	280	360
Transmission	5 Speed Manual		
Power to weight ratio	37 HP/ton (27.7 KW/ton)	23 HP/ton (17 KW/ton)	42 HP/ton (31 KW/ton)
Alternator	1x150 amps	1x80 amps	1x130 amps
Suspension	Front: - Dependent-coil spring Rear: - Dependent-leaf spring		
Brakes	Front: - Hydraulic disc brake Rear: - Hydraulic drum brake		

Max Speed (Kmph)	120
Min TCD (m)	14.4
Wheel base (mm)	3180
Wheel track front (mm)	1550
Wheel track rear (mm)	1460
Overall width (mm)	1855
Overall height (mm)	2341
Overall length (mm)	5549
Tyres	LT285/75/R16
Spare wheel provision	Yes
Approach/departure angle (Deg)	40 / 26
Ground clearance (mm)	230
Fuel tank capacity (L)	130
Electrical	12 V

\*\* Weight mentioned for a B6 vehicle. B4+ vehicle weight provided upon request.

# DOUBLE CABIN TROOP CARRIER T9

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\* illustration purpose only

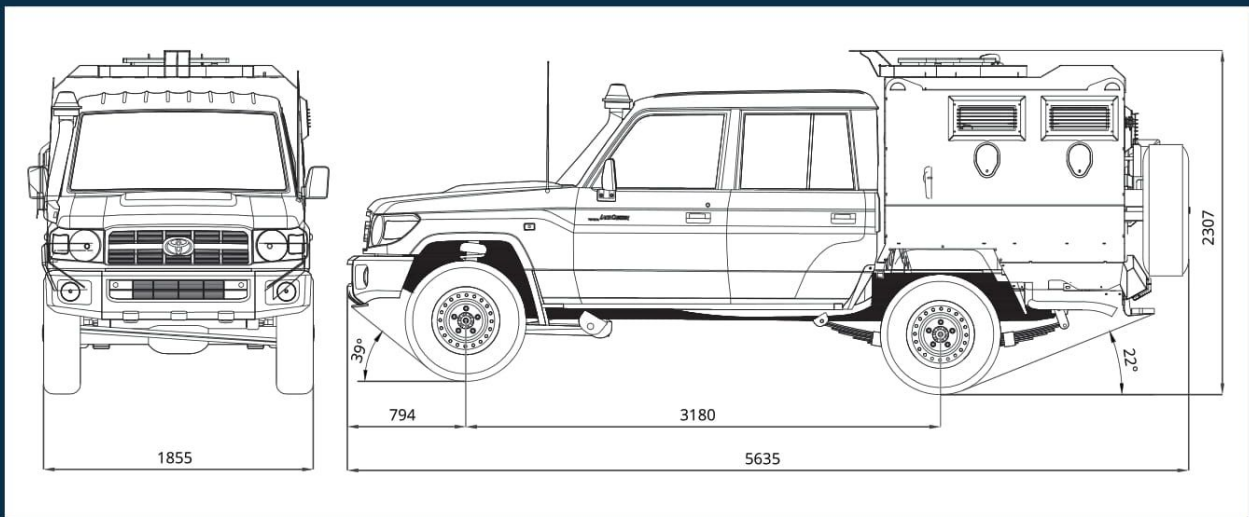
# DOUBLE CABIN TROOP CARRIER T9

MSPV's Troop Carrier helps in delivering troops to the combat fields and provides vital service to the front line operations. It can be deployed in the toughest of terrains, travelling long distances quickly. They are able to navigate and reach areas where larger vehicles are not suitable and effectively help in troop mobility. Its modular design makes it compatible to being reconfigured with different options to fit various roles. It can be upgraded to include improved armour, control and navigation systems.

**Protection level :** B4+ Level / B6 Level

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- 360 degree Gun Turret
- Blast Resistant Seats
- Emergency escape hatch
- Roof Mounted Light Bar
- STIS system



## SPECIFICATION

Seating	02 + 03 + 04		
GVW (Kg)	5550 **		
Payload (Kg)	900		
Engine	4.5 L V8 8 Cyl Diesel	4.2 L inline 6 Cyl Diesel	4.0 L V6 6 Cyl Gasoline
Engine Power (HP/KW)	203/151	126/94	228/170
Torque (N-m)	430	280	360
Transmission	5 Speed Manual		
Power to weight ratio	37 HP/ton (27 KW/ton)	23 HP/ton (17 KW/ton)	41 HP/ton (31 KW/ton)
Alternator	1x150 amps	1x80 amps	1x130 amps
Suspension	Front: - Dependent-coil spring Rear: - Dependent-leaf spring		
Brakes	Front: - Hydraulic disc brake Rear: - Hydraulic drum brake		

Max Speed (Kmph)	120
Min TCD (m)	14.4
Wheel base (mm)	3180
Wheel track front (mm)	1550
Wheel track rear (mm)	1460
Overall width (mm)	1855
Overall height (mm)	2307
Overall length (mm)	5635
Tyres	LT285/75/R16
Spare wheel provision	Yes
Approach/departure angle (Deg)	39 / 22
Ground clearance	230
Fuel tank capacity (L)	130
Electrical	12 V

\*\* Weight mentioned for a B6 vehicle. B4+ vehicle weight provided upon request.

# DOUBLE CABIN TROOP CARRIER T9

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\* illustration purpose only

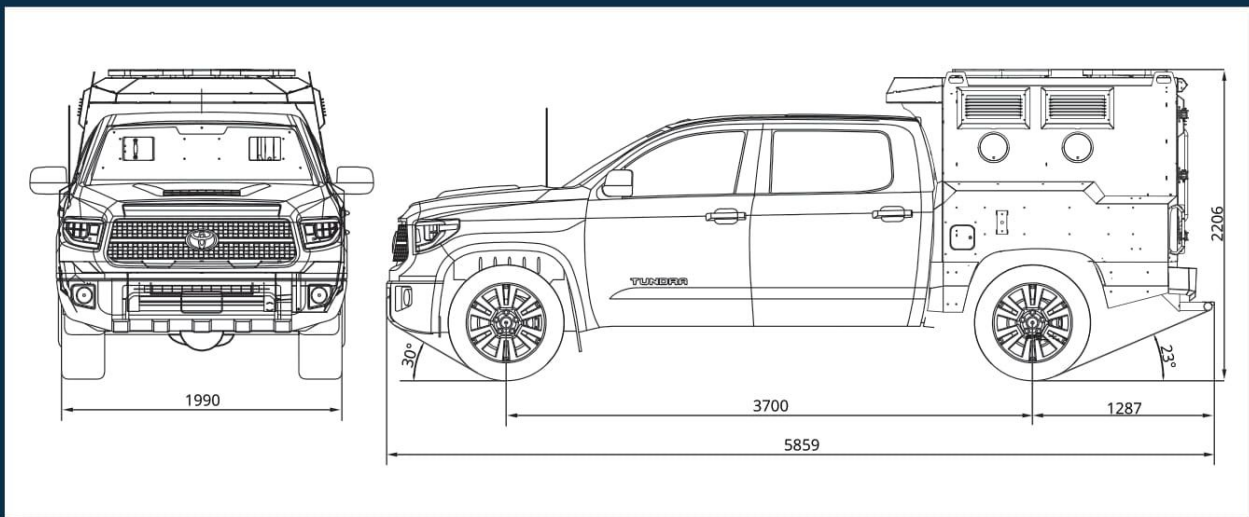
# DOUBLE CABIN TROOP CARRIER T9

MSPV's Troop Carrier helps in delivering troops to the combat fields and provides vital service to the front line operations. It can be deployed in the toughest of terrains, travelling long distances quickly. They are able to navigate and reach areas where larger vehicles are not suitable and effectively help in troop mobility. Its modular design makes it compatible to being reconfigured with different options to fit various roles. It can be upgraded to include improved armour, control and navigation systems.

**Protection level :** B4+ Level / B6 Level

## Optional Equipment & Accessories

- Strobe Light System
- Siren/PA/Intercom system
- Fire Suppression System
- 360 degree Gun Turret
- Blast Resistant Seats
- Emergency escape hatch
- Roof Mounted Light Bar
- STIS system



## SPECIFICATION

Seating	02 + 03 + 04		Max Speed (Kmph)	150
GVW (Kg)	6180 **		Min TCD (m)	13.4
Payload (Kg)	800		Wheel base (mm)	3700
Engine	5.7 L V8 Gasoline	4.6 L Gasoline	Wheel track front (mm)	1725
Engine Power (HP/KW)	381/284	304/226	Wheel track rear (mm)	1725
Torque (N-m)	545	448	Overall width (mm)	1990
Transmission	6 Speed Automatic		Overall height (mm)	2206
Power to weight ratio	62 HP/ton (46 KW/ton)	49 HP/ton (37 KW/ton)	Overall length (mm)	5859
Alternator	1x150 amps		Tyres	LT 275/70/R18
Suspension	Front: - Independent coil spring Rear: - Dependent leaf spring		Spare wheel provision	Yes
Brakes	Front: - Hydraulic disc brake Rear: - Hydraulic disc brake		Approach/departure angle (Deg)	30 / 23
			Ground clearance (mm)	270
			Fuel tank capacity (L)	144
			Electrical	12 V

\*\* Weight mentioned for a B6 vehicle. B4+ vehicle weight provided upon request.



# ARMoured SECURITY CABIN

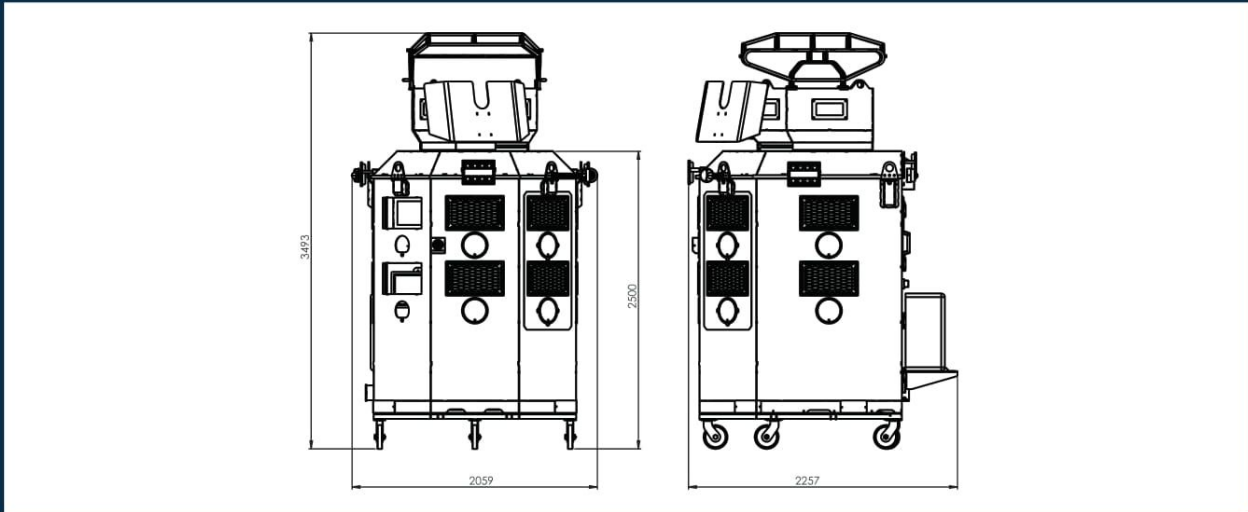


\* illustration purpose only

# ARMoured SECURITY CABIN

MSPV manufactures security cabins based both on international ballistic standards and specific demands of different countries. Armoured security cabins are produced for defense, offense, reconnaissance and observation with different solutions and different designs to meet different needs. It is a product that allows security personnel to perform their duties without being harmed. Security cabins are being used where security risks are involved, especially at embassies, consulates, police stations, military buildings, bank centers, international meeting centers, private companies etc.

**Protection level :** B4+ Level / B6 Level / B7 level



Weight (Kg)	2000 **
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\*\* Weight mentioned is for B6 level protection. B4+ and B7 weight provided upon request.

# MOBILE ARMoured BOOTH



\* Color will change as per customer request

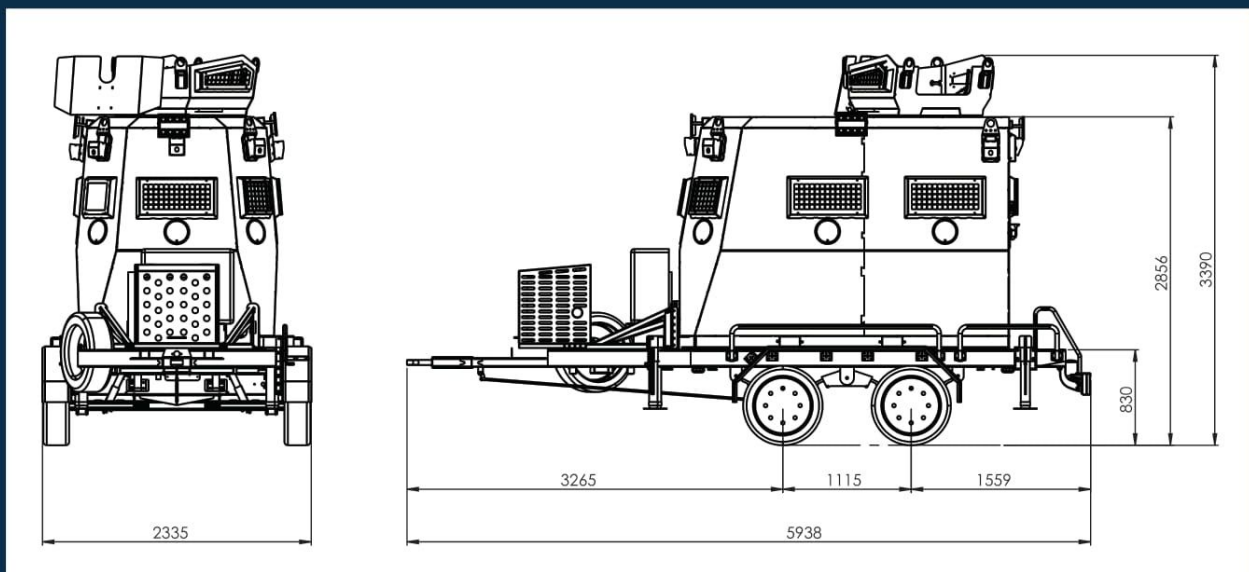
# MOBILE ARMOURED BOOTH

MSPV manufactures mobile armoured booth based both on international ballistic standards and specific demands of different countries. Mobile armoured booths are produced for defense, offense, reconnaissance and observation with different solutions and different designs to meet different needs. It is a product that allows security personnel to perform their duties without being harmed. Mobile armoured booths are being used where security risks are involved, especially at embassies, consulates, police stations, military buildings, bank centers, international meeting centers, private companies etc.

**Protection level :** B6 Level / B7 level

## Optional Equipment & Accessories

- 360 degree Gun Turret
- Emergency escape hatch
- Blast Resistant Seats
- Generator
- Air Conditioner
- Flood Lights



## SPECIFICATION

Weight (Kg)	4000 **
Seating	05
Wheel base (mm)	1115
Wheel track front (mm)	2100
Wheel track rear (mm)	2100
Platform height (mm)	830
Ground clearance (mm)	250

Overall width (mm)	2335
Overall height (mm)	3390
Overall length (mm)	5938
Tyres	225/70/R15
Spare wheel provision	Yes

\*\* Weight mentioned for a B6 vehicle. B7 vehicle weight provided upon request.

# EUROPEAN STANDARD EN 1522

EUROPEAN STANDARD EN 1522						
CLASS	WEAPON	CALIBER	TYPE	WEIGHT (gms)	RANGE(M)	VELOCITY (m/s)
FB1	Rifle	.22 LR	Lead Round Nose	2.6 ± 0.1	10 ± 0.5	360 ± 10
FB2	Hand Gun	9×19mm Parabellum	Full Steel Jacket Round Nose Soft Core ( Lead )	8.0 ± 0.1	5.00 ± 0.5	400 ± 10
FB3	Hand Gun	.357 Magnum	Full Steel Jacket Coned Bullet Soft Core ( Lead )	10.2 ± 0.1	5.0 ± 0.5	430 ± 10
FB4	Hand Gun Hand Gun ( see note )	.357 Magnum	Full Steel Jacket Coned Bullet Soft Core ( Lead )	10.2 ± 0.1	5.0 ± 0.5	430 ± 10
	Hand Gun ( see note )	.44 Rem. Magnum	Full Steel Jacket Coned Bullet Soft Core ( Lead )	15.6 ± 0.1	5.0 ± 0.5	440 ± 10
FB5	Rifle	5.56×45*	Full Metal Jacket Pointed Bullet Soft core ( lead ) and Steel Penetrator	4.0 ± 0.1	10 ± 0.5	950 ± 10
FB6	Rifle	5.56×45*	Full Metal Jacket Pointed Bullet Soft core ( lead ) and Steel Penetrator	4.0 ± 0.1	10 ± 0.5	950 ± 10
	Rifle	7.62×51	Full Metal Jacket Pointed Bullet Soft core ( lead )	9.5 ± 0.1	10 ± 0.5	830 ± 10
FB7	Rifle	7.62×51**	Full Metal Jacket Pointed Bullet Steel Hard core	9.8 ± 0.1	10 ± 0.5	820 ± 10

# EN1063 LEVEL

## EUROPEAN STANDARD EN 1063 SECURITY GLAZING

CLASS	WEAPON	CALIBER	TYPE	WEIGHT (gms)	RANGE(M)	VELOCITY (m/s)	NUMBER OF SHOTS	STRIKING DISTANCE (MM)
BR 1	Rifle	.22R	Lead Round Nose	2.6±0.1	10±0.5	360±10	3	120±10
BR 2	Hand Gun	9mm Luger	Full Steel Jacket Round Nose Soft Core (Lead)	8.1±0.1	5.0±0.5	400±10	3	120±10
BR 3	Hand Gun	0.357 Magnum	Full Steel Jacket Coned Bullet Soft Core (Lead)	10.2±0.1	5.0±0.5	430±10	3	120±10
BR 4	Hand Gun	.44 Rem. Magnum	Full Copper Alloy Jacket Flat Nose Bullet Soft Core (Lead)	15.6±0.1	10±0.5	440±10	3	120±10
BR 5	Rifle	5.56 x 45	Full Copper Alloy Jacket Pointed Bullet Soft Core (Lead) and Steel Penetrator	4.0±0.1	10±0.5	950±10	3	120±10
BR 6	Rifle	7.62 x 51	Full Copper Alloy Jacket Pointed Bullet Soft Core (Lead) and Steel Penetrator	9.5±0.1	10±0.5	830±10	3	120±10
BR 7	Rifle	7.62 x 51	Full Copper Alloy Jacket Pointed Bullet Steel Hard Core	9.7±0.1	10±0.5	820±10	3	120±10
SG1	Shot Gun	cal. 12/70	Solid Lead Slug	31±0.5	10±0.5	420±10	1	
SG2	Shot Gun	cal. 12/70	Solid Lead Slug	31±0.5	10±0.5	420±10	3	125±10

# STANAG 4569

LEVEL	KINETIC ENERGY	GRENADE AND MINE BLAST THREAT	ARTILLERY THREAT
I	<p>7.62×51mm NATO Ball (Ball M80) at 30 meters with velocity 833 m/s.</p> <p>5.56×45mm NATO Ball (SS109) at 30 meters with a velocity of 910 m/s.</p> <p>5.56×45mm NATO Ball (M193) at 30 meters with a velocity of 930 m/s.</p> <p>Protection against all three threats must be provided.</p>	<p>Hand grenades, unexploded artillery fragmenting submunitions, and other small anti personnel explosive devices detonated under the vehicle.</p>	<p>155 mm High Explosive at 100 m</p> <p>Angle: azimuth 360°; elevation: 0 – 18°</p>
II	<p>7.62×39mm API BZ at 30 meters with 695 m/s.</p>	<p>6 kg (explosive mass) Blast AT Mine:</p> <p>2a – Mine Explosion pressure activated under any wheel or track location.</p> <p>2b – Mine Explosion under center.</p>	<p>155 mm High Explosive at 80 m.</p> <p>Angle: azimuth 360°; elevation: 0 – 22°.</p>
III	<p>Angle: azimuth 360°; elevation 0-30°.</p>	<p>8 kg (explosive mass) Blast AT Mine:</p> <p>3a – Mine Explosion pressure activated under any wheel or track location.</p> <p>3b – Mine Explosion under center.</p>	<p>155 mm High Explosive at 60 m</p> <p>Angle: azimuth 360°; elevation: 0 – 30°.</p>
IV	<p>14.5×114mm AP / B32 at 200 meters with 911 m/s.</p> <p>Angle: azimuth 360°; elevation 0°.</p>	<p>10 kg (explosive mass) Blast AT Mine:</p> <p>4a – Mine Explosion pressure activated under any wheel or track location.</p> <p>4b – Mine Explosion under center.</p>	<p>155 mm High Explosive at 30 m.</p>
V	<p>25 mm APDS-T (M791) or TLB 073 at 500 m with 1258 m/s.</p> <p>Angle: frontal arc to centreline: ± 30° sides included, elevation 0°.</p>		<p>155 mm High Explosive at 25 m.</p> <p>Angle: azimuth 360°; elevation: 0 – 90°.</p>
VI	<p>30 mm APFSDS or AP at 500 m.</p> <p>Angle: frontal arc to centreline: ± 30° sides included, elevation 0°.</p>		<p>155 mm High Explosive at 10 m.</p> <p>Angle: azimuth 360°; elevation: 0 – 90°.</p>