

CASSPIR MK II

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CASSPIR MK II SPECIFICATIONS

Performance

Max speed	90km/h
Sustained road speed	80km/h
Fuel autonomy paved roads	800 km on
Max. gradient	55%

Suspension

Springs	Semi elliptic leaf springs
Shock absorbers	Double acting telescopic hydraulic

Fitments

Air conditioner	Optional Extra
3 Point seat belts	Fitted to all seats

Protection

Ballistic: B6 (7,62 X 51mm NATO Ball.)
 Mine: 3 x TMS7 Blast mine (21kg TNT) under any wheel and 2 x TMS7 (14kg) under the hull.

Engine

Type	ADE352 Turbo direct injection
Cylinder	6 Cylinders
Displacement	124Kw (165 hp) @ 2800 r/pm
Max. Power	124Kw (165 hp) @ 2800 r/pm
Max. Torque	520Nm @ 1600 r/pm Turbo
Fuel Type	Diesel

Transmission

Type	Synchromesh DB G 3/60-5/7,5
No. of gears	5 Speed

Wheels and Tyres

Rims	Solid rim 10.00 x 20
Tyre size	14.00 x 20 - 18 Ply
	Multi Purpose
	Run-flats available

Configuration

Seating:	Driver + Co-driver
Total crew	+12 (14)
Models	Armoured Personnel carrier Ambulance Command
Entrance doors	Double doors at the rear

Transfer Case

Type	Mercedes Benz VG500 2-Speed with selectable 4x4
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Steering

Type	Power assisted
Right hand drive orientation	Left hand drive conversion available

Brakes

Service brakes	Air over hydraulic
Park brake	Pneumatically contracting spring
Auxiliary brake	Engine exhaust brake

Electrical System

12 Volt / 24 Volt

Dimensions

Overall length	6 900mm
Overall width	2 450mm
Overall height	3 125mm
Ground clearance (min.)	350mm
Turning radius	8,5m kerb-kerb
Fuel capacity	220 litre

Vehicle Mass

Tare	9 480 kg
GVM	10 880 kg
Payload	1 400kg

MKV APC



MKV SPECIFICATIONS

Magirus Drive (Samil) Version

Power Plant

Air cooled 4 stroke direct injected turbo-charged diesel engine

Type	Magirus/Iveco Deutz BF6L913F Turbo
Cylinders	6 in-line
Displacement	6,128 cc
Power	127kW [127Hp] @ 2800 rpm
Torque	51.8mkg @ 1600 rpm
Coolant	Air
Fuel	Diesel
Power: Wgt Ratio (kw/ton)	17.86 Kw/ton

Power Control

Gearbox	S6-36 synchromesh gearbox
Gears	6 forward, 1 reverse with PTO facility
Transfer Case	ZF-Z65 with high & low ratio
Drive	Permanent 4x4

Suspension

Front suspension	Semi-elliptical leaf
Rear suspension	Semi-elliptic springs
Foot brake	Compressed air-hydraulic dual circuit brake, with exhaust brake
Hand brake	Accumulator, rear wheels
Front axle	Driven, Steerable
Rear axles	Driven double reduction & differential lock
Tyre Size	1300 x 20 20" Rim 1400:20 optional

Protection

Monocoque welded steel hull accommodating up to 11 occupants

- B7, capable of stopping 7.62 x 54R AP (PKM)
- 2 x TM-57 (14kg of TNT) under hull
- 3 x TM-57 (21kg of TNT) under any wheel
- Spare payload allows for further up-armouring with ceramics or slat armour
- Armoured spare wheel protection
- Armoured side bins for additional IED protection
- Armoured fuel tanks



MKV SPECIFICATIONS (CONTINUED)

Details and Performance

LWH (mm)	5140: 2450: 2650 mm
Tare mass	7,700 kg
Manufacturers GVM	12,200 kg
Maximum payload	4,500 kg
Ground clearance	350 mm
Top speed	105 kph
Sustained Road Speed	90 kph
Acceleration 0-60 Kph	19.5 sec
Acceleration 30-60 Kph	13 sec
Turning circle (m):radius	13:6.5 m
Range	>850 Km
Gradient ability	70%
Vertical step up	600 mm
Fording depth	1200 mm
Crew capacity	up to 2 +9
Variants	Command Vehicle, Ambulance, Police patrol/Escort, VIP Escort, Mortar Platform



CT17 Armoured Troop Carrier.



SPECIFICATIONS

Base Unit		KAMAZ-43502
Axle Configuration		4x4.1
Crew, people		2+8
Load-Carrying Capacity, kg		1500
Curb Weight, kg		11750
Gross Vehicle Weight, kg		13250
Wheelbase, mm		4180
Road Clearance, mm		380
Overall Dimensions: length/width/height, mm		7154/2500/3420(max)
Gross Trailer Weight, kg		5000
Engine Make		KAMAZ-740.652-260
Engine Type		V8, four-stroke turbocharged-and-after cooled diesel
Indicated Power, kW (hp)/rpm		191 (260)/1900
Gear Box		KAMAZ-154
Transfer Case		Mechanical with two-stage reducer
Suspension	Front Wheel	2 half-elliptic springs, hydraulic telescopic shock absorbers, rubber bumpers. Slipper-ended springs.
	Rear Wheel	2 half-elliptic springs. Slipper-ended springs. Stabilizer bar.
Electric Accessories, V		24
Brake Gear		Pneumatic
Front and Rear Wheel Brakes		Drum Type
Parking Brake System		Rear axle wheel spring-type brakes
Tires		425/85R21
Maximum Speed, km/h		100
Obstacles to Hurdle:		
Fording Depth (with regard to waves and wheel sinking at a river flow rate not more than 1 m/sec.)		1,5m
Uphill Gradient,		31°
Height of Rising Wall,		0,55m
Ditch Width,		0,6m
Minimal turning radius of the front outside wheel trace axle, not more than		10,3m
Tyre Inflation System		available

Fuel Consumption Rate, l/100 km, with the speed 60 km/h	24,0
Fuel Tank Capacity,	125+170ltr
Fuel	Diesel
Fuel Distance, not less than a km	1000
Warranty Period, years	3
Compliance with Environmental Regulations	EURO-4
Protection Level (according to National State Standard)	Бп4
Number of Doors	1 – front left 2 – front right and center 2 – at rear
Spare Wheel, installation	Technological
Hydraulic Winch, towing capacity, kg	6000
Air Conditioning System	available
Heater, maximum power output, kW	16
Spotlight	2 pieces

At the customer's request, it is possible to install additional equipment on the vehicle (small arms, additional doors, surveillance cameras, bullet-proof tyres, energy-absorbing seats, night vision system, satellite navigation system, etc.).

