

REVA III Short Wheel Base 4x4 Automatic

specifications

ENGINE

Model	Cummins 6BTA
Type	5.9 Litre, Turbo charged with inter-cooler
No. of Cylinders	6-inline cylinders
Bore/Stroke	102 mm x 120mm
Capacity	5883 CC
Max. Engine Output	122 kW (176.7hp) at 2500 RPM
Max. Torque	710 Nm (72.42Kg/m) at 1400 RPM.
Power to weight ratio (horsepower: pounds)	0.011131912 Hp/Lbs 24,54 Hp/Ton
Compression Ratio	17.6:1
Fuel	Diesel
Injection Pump	MICO A type inline

BRAKES

Service Brakes	Dual air hydraulic system
Lining area	Front – 1530 sq.cm Rear – 1410 sq.cm Total – 2940 sq.cm
Parking Brake	Spring actuated parking brake acting on rear wheels with pneumatic emergency quick release.

FUEL AND WATER TANKS

Fuel Tank	200Liters- 100L Left &100L Right / 140Liters- 70L Left & 70L Right
Water Tank	50 Liters - 25L left and 25L right.

SUSPENSION

Type	Semi-elliptical leaf spring at front and rear
Shock Absorbers	Hydraulic double acting Telescopic type at front and rear

FRONT AND REAR AXLES

Front Axle	Rigid Steering Axle
Ratio	5.857 (41/7)
Rear Axle	RA 104 Banjo-type, single tyre. Axle, single reduction heavy duty hypoid gears, fully floating axle shafts with differential lock.
Ratio	5.857 (41/7)

ELECTRICAL SYSTEMS

System voltage	12V (24 Volts Optional)
Battery	12 Volts x2
Alternator Capacity	55 Amps
Air Conditioning	Standard Fitted

STEERING

Integral, hydraulic assisted power steering



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WHEELS AND TYRES	
Tyres	12.50 x 20
Wheel Rim	Steel split rim
No. of Wheels	Front – 2, Rear – 2, Spare – 2
Run Flat Inserts	Wheels and spare wheels optional

TRANSMISSION	
Type	Automatic
Model	Allison SP 2500
Manufacturer	Allison
Configuration	2500 SP (1-5) Diesel (1-25006-2)
Converter	TC221 (Recommended) (1-221-1) 2500 RPM, Std Cal, Std
Shift Calibration	Cable shift 1,2,D OD-5
Rating	Speciality – Diesel w/4 Gen Controls (1-25006-1)

TRANSFER CASE (MTC 25) DIRECTLY MOUNTED	
Type	Pneumatical
Air pressure	6,5 – 9 Bar
Max Input Torque	4,500 Nm
Ratio	1 : 0,9 (on road) 1 : 1,7 (off road)
Weight	105 kg

PERFORMANCE	
Top speed	100 km/h
Minimum turning clearance circle diameter	11,5m

HULL	
Wheel base	2,275m
Track front	1,835m
Track rear	1,824m
Overall length	4,470m
Max width	2,48m
Max height	2,3m
Front overhang	1,4m

MASS	7,200 kg
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SUPERSTRUCTURE	
Seating	6/8
Armour Protection	7.62 mm (NATO)
Ballistic Protection	STANAG 4569 Level 3 or B7 +
Landmine Protection	TNT – Wheels: 14kg and Hull: 7kg.
One rotating Turret with Hatch	
Shooting Ports	6
Armour Glass	63mm glass with gun ports and armour gunshields

OPTIONAL FEATURES	
15,000 Pounds Winch fitted into reinforced bumper and additional built-in spotlights.	
Intercom system between driver, co-driver, gunners and crew.	
PA System with siren and strobe lights.	



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