

REVA V Long Wheel Base 4x4 Automatic

specifications

ENGINE

Model	Cummins 6BTA
Type	6.7 Litre, Turbo charged air cooled
No. of Cylinders	6-inline cylinders
Bore/Stroke	107 mm x 124mm
Max. Engine Output	205 kW (275 HP) at 2500 RPM
Max. Torque	990 NM at 1500 RPM
Power to Weight Ratio (horsepower : pounds)	0.01199402 Hp/Lbs 26.44 Hp/Ton
Compression Ratio	17:2:1
Fuel	Diesel
Injection Pump	MICO A type inline
Emission Certification	US EPA Tier III CARB Tier III EU Stage III

BRAKES

Service Brakes Full air dual ABS braking system with spring brake linked with service brake.

FUEL AND WATER TANKS

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

SUSPENSION

Front	7500Kg Springs with shock absorbers and stabilizer
Rear	10 000 kg Parabolic spring suspension with shock absorbers and stabilizers

FRONT AND REAR AXLES

Front Axle	M.A.N. driven front axle with live lubricated hub unit – 8 500 kg capacity Differential lock standard front axle differential lock with warning buzzer fitted as standard. Restricted steering control, when front axle differential lock is engaged. Dis-engage able front wheel drive.
Ratio	5.857 (41/7)
Rear Axle	M.A.N. for single tyres. Differential lock fitted as standard
Planetary Rear Axle Ratio	5.33.1

ELECTRICAL SYSTEMS

System voltage	24 Volts
Battery	12 Volts x 2
Alternator Capacity	140 Amps
Air Conditioning	Standard Fitted

WHEELS AND TYRES

Tyres	365/80R20 Tubeless Radial
Wheel Rim	Steel disc rim – 10 hole 10.00 x 20
No. of Wheels	Front – 2, Rear – 2, Spare – 2
Run Flat Inserts	4 Wheels and spare wheels optional



REVA
ARMoured PERSONNEL CARRIERS

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STEERING

Integral, hydraulic assisted power steering LS 5

TRANSMISSION

Type	Automatic
Model	Allison SP 3000
Manufacturer	Allison
Configuration	3000 SP (1-5) Diesel (1-25—6-2)
Converter	TC221 (Recommended) (1-221-1) 2500 RPM, Std Cal,
Shift Calibration	Press elects, (1-5) (1-20001-2500-1002) Overdrive
Rating	Speciality – Diesel w/4 Gen Controls (1-25006-1)

TRANSFER CASE (MTC 25) DIRECTLY MOUNTED

Type	Pneumatal/Electrical
Air pressure	6,5 – 10 Bar
Max Input Torque	4,500 Nm
Ratio	1 : 0,9 (on road) 1 : 1,7 (off road)
Weight	105 kg

HULL

Overall length	6.3m
Max width	2,552 m
Max height	2.3/2/6m with AC
Ground Clearance	410 cm

PERFORMANCE

Top speed	120 km/h
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MASS

10400 Kg

SUPERSTRUCTURE

Seating	12
Armour Protection	8.9 mm Armored Steel with 8.9 double skin protection (17mm) 16 mm Bottom Plate Nose Plate 7,6.
Turrets	Two rotating turrets with hatches
Shooting Ports	7
Armour Glass	63mm glass with gun ports and armour gunshields

OPTIONAL FEATURES

18000 Pounds Warn Winch fitted into reinforced bumper.
Additional built-in spotlights; PA system with siren & strobe lights
Infrared head lights, Infrared cab lights x 2



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