

REVA III Standard 4x4 Automatic

specifications

| ENGINE | |
|---|--|
| Model | Cummins 6BTA |
| Type | 5.9 Liter, 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 (72.42 Kg/m) at 1400 RPM. |
| Power to Weight Ratio (horsepower : pounds) | 0.0089253 Hp/Lbs 19.67 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 |

| 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. |

| 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 | 12 /24 Volts with dual battery system |
| Battery | 12 Volts x2 |
| Alternator Capacity | 55 Amps |
| Air Conditioning | Standard Fitted |

| STEERING | |
|---|--|
| Integral, hydraulic assisted power steering | |

| 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 |



REVA
ARMoured PERSONNEL CARRIERS

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| TRANSMISSION | |
|-------------------|--|
| Type | Automatic |
| Model | Allison SP 2500 |
| Manufacturer | Allison |
| Configuration | 2500 SP (1-5) Diesel (1-2--06-2) |
| 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) |

| HULL | |
|----------------|-----------------------------------|
| Wheel base | 3,2m |
| Track front | 1,810m |
| Track rear | 1,824m |
| Overall length | 6m |
| Max width | 2.48 - 2.225m |
| Max height | 2.3/2.6m with AC 2640 with turret |
| Front overhang | 1.4m |

| PERFORMANCE | |
|---|----------|
| Top speed | 100 km/h |
| Minimum turning clearance circle diameter | 13,5m |

| | |
|-------------|----------|
| MASS | 8,980 kg |
|-------------|----------|

| SUPERSTRUCTURE | |
|---|--|
| Seating | 10 |
| Armour Protection | 7.62mm (NATO) |
| Ballistic Protection | STANAG 4569 Level 3 or B7 + |
| Landmine Protection | TNT – Wheels: 7kg and Hull: 14kg. |
| 6mm ArmoX protection plate on the sides for additional protection against IED/EFP | |
| Two rotating turrets with hatches | |
| Shooting Ports | 8 |
| Armour Glass | 63mm glass with gun ports and armour gun shields |

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



NOTE: ICP'S POLICY IS TO IMPROVE OUR PRODUCT ON AN ONGOING BASIS. SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. ILLUSTRATIONS AND PICTURES MAY INCLUDE NON-STANDARD EQUIPMENT AVAILABLE AS OPTIONS AT AN ADDITIONAL COST.



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