

PENMAN RAPTOR II



PRODUCT FEATURES

WEIGHTS		ENGINE		BASELINE EQUIPMENT
Ready for operation	6700 kg	Manufacturer	Cummins	Air conditioning system
Payload available	2100 kg	Type	ISB 6.7 E3 230	Vehicle information system
Gross vehicle weight	8800 kg	Function	Common Rail	Runflat tires
		No. of cylinders	4-stroke / Diesel	Can bus system
		Performance	6	Preheat unit
		Emission compliance	180 kW (242 hp)	Heated power mirror
		Torque	EURO III	Electrically heated bullet proof glass
			925 Nm	
DIMENSIONS		TRANSMISSION		PROTECTION
Overall length	5.40 m	Manufacturer	Allison	Electrically welded high hardness armour steel plates with provisions for add-on armour and mine protection kits
Height	2.40 m	Type	2500 SP	
Overall width w/o mirrors	2.16 m	Transmission	5-speed automatic	Ballistic and mine protection: according to STANAG 4569, AEP55 certified
Wheelbase	3.53 m			Other ballistic and mine protection solutions available on request
Ground clearance	0.40 m			IED protection solutions
Angle of approach	42°			
Angle of departure	45°			
Number of seats	4 – 5			
VEHICLE PERFORMANCES		DRIVELINE AND SUSPENSION		OPTIONAL EQUIPMENT
Max. speed: high range	110 km/h	Wheel drive	Permanent, four wheel	Winch
low range	55 km/h	Transfer case	Two-speed	Central tire inflation system (CTIS)
Gradient	60%	Differential	Torsen, self locking	Preheat unit
Vertical obstacle	0.5 m			NBC overpressure system
Turning circle diameter wall to wall	15.0 ± 0.5 m	De-Dion axles with wheel hub gear, patented roll stabilizers		Customer specific C41STAR-, Weapon- and other systems
Fuel tank capacity	180 liters	Brakes	Air over hydraulic disc type with ABS	Customer specific roof and cargo module configuration
Range on hard level surface	700 km	Steering	Hydraulic power assisted	Snow chains
Power-to-weight ratio	27.5 hp/t	Tires	335 / 80 R 20	Trailer hitch
				Various mission kits
				Supplementary battery kit
				GPS
				Battery charger
				Emission compliance EURO V
				Engine
				Trailer air brake system

Please note that technical data referred to in the baseline vehicle may vary due to configuration, version and mission