

ARMoured RECONNAISSANCE VEHICLE

The lightweight EAGLE is ideally suited for reconnaissance surveillance, liaison, escort, border patrol and police missions.

Based on the famous AM General HUMVEE® „ECV“ chassis, the EAGLE is an NBC-tight, armour protected vehicle with a great commonality with Hummer vehicles already in service.



EAGLE III

4x4

A GENERAL DYNAMICS COMPANY

MOWAG
PROTECTED MOBILITY



PIRANHA RG-SERIES EAGLE WEAPONS SYSTEMS TACTICAL VEHICLES FORMULA GD CANADA AUSTRALIA SWITZERLAND CALIFORNIA
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Weights

Ready for operation:	4150 kg
Payload:	1650 kg
Total combat weight:	5800 kg
Max. axle load front:	2600 kg
Max. axle load rear:	3400 kg

Overall length:	4.90 m
Height over hull:	1.82 m
Overall width:	2.28 m
Wheelbase:	3.30 m
Wheel track (front, rear):	1.81 m
Ground clearance:	0.47 m
Angle of approach:	60°
Angle of departure:	50°
Number of seats:	4 - 5

Max. speed on roads:	100 km/h
Max. reverse speed:	33 km/h
Gradient:	60%
Max. side slope:	40%
Turning circle diameter:	15.0 m
Fuel tank capacity:	95 l
Range on roads:	400 km
Spec. ground pressure:	25.5 N/cm ²
Power-to-weight ratio:	24.8 kW/t
Fording depth:	0.76 m

- Hydraulic power assisted steering
- Roof fan 220 m³/h

Manufacturer:	General Motors
Type:	6.5 L Turbo
Function:	4-stroke / Diesel
No. of cylinders/ arrangement:	V8 / 90°
Performance	
at 3400 rpm:	139 kW (190 hp)
Torque at 1700 rpm:	515 Nm

Manufacturer:	Hydra-Matic
Type:	4 L 80 E
Transmission:	automatic
Number of gears:	4 + 1 r.

Manufacturer: New Venture
Road gear: 1:1
Off-road gear: 2.72:1
4x4 permanent drive: Bevel gear differential

Manufacturer: AMGC
 Axle gear: with torsion differential
 Independent wheel suspension with
 double control arms
 Brakes:
 disc brakes on all four wheels
 Tires with run-flat core:
 37 x 12.50 R 16.5 LT

Crew cabin all-round against

- 7.62 mm ball from 30 m
- 7.62 mm steel core from 100 m

under horizontal fire

Voltage:	24 V
Alternator:	24 V / 200 A
Battery:	24 V / 125 Ah
Starter:	24 V / 7 kW

Lighting front:
Headlamp with blackout light, turn
signal with position lamp

Lighting rear:
Stop-tail-turn-light assembly,
integrated blackout light

360° rotating observation cupola for thermal imaging unit for all-round day/night vision with 7.62 mm machine gun for self-defence and 6 smoke grenade launchers.

- Heater in crew compartment 7 kW heating capacity
- Preheat unit 7.6 kW heating capacity
- NBC overpressure system 85 m3/h
- Central tire inflation system (CTIS)
- Air conditioning system
- Front self-recovery winch 5.4 ton pulling capacity

