

ARMoured COMMAND & CONTROL VEHICLE

Highly mobile, quickly deployable and well protected Command and Control Vehicle at various command levels.

The internal layout of the vehicle enables the integration of a wide spectrum of C³I equipment.

This mobile Command Post with its large useable and electro-magnetically tight command room provides a protected environment for the staff officers to work comfortably and to carry out all necessary staff functions.



PIRANHA IIC 8x8

A GENERAL DYNAMICS COMPANY

MOWAG
PROTECTED MOBILITY



PIRANHA IIIC 8x8

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

GENERAL STATISTICS

Weights (approx.)

Ready for operation:	14.7 t
Payload:	3.8 t
Total combat weight:	18.5 t

Dimensions (approx.)

Overall length:	7.20 m
Height over hull:	2.94 m
Overall width:	2.60 m
Internal volume:	15.00 m ³
Ground clearance:	0.450 m
Angle of approach:	42°
Angle of departure:	37°
Number of seats:	7

Performances with GVW

Max. speed on roads:	100 km/h
Creep speed:	below 3 km/h
Gradient:	60%
Max. side slope:	30%
Max. climbing ability:	0.60 m
Fording depth:	1.40 m
Trench crossing ability:	2.00 m
Turning circle diameter (curb-to-curb):	17.0 m
Range on roads:	500 km
Voltage:	24 V
Power-to-weight ratio:	16.0 kW/t

Engine

Type:	CATERPILLAR C9
Fuel:	Diesel
Performance:	294 kW (400 hp)
Torque:	1600 Nm

Transmission

Type:	ZF 7HP602
Transmission:	automatic
Number of gears:	7 + 1 r.

Driveline and Suspension

Transfer case: single speed gear
 Axles: front axle drives disengageable
 Wheels and tires:
 12.00 R 20 XML, with central tire inflation system (CTIS), run-flat cores
 Suspension:
 independent for each wheel;
 front: coil springs and control arms
 rear: torsion bars

Shock absorbers:
 hydraulic, on all wheels

Brakes:
 dual circuit air actuated ABS 6S/6C
 brake system

Ballistic Protection

electrically welded high hardness
 armour steel plates with provisions
 for add-on armour

Ballistic protection:
 against light and heavy machine gun
 fire and artillery shell splinters; mine
 protection kit

Armament (example)

Type of gun mount:
 RLS 609
 Weapon:
 12.7 mm HMG with optical day sight
 with option for low-light-level
 intensifier
 Weapon (ancillary):
 8x76 mm smoke and fragmentation
 grenade launchers
 Ready rounds at the gun:
 100 rounds 12.7 mm
 Gun/turret drive and laying system:
 manual,
 Azimuth: 170°
 Elevation: -10° to +30°

Equipment

- Air conditioning system with approx. 10 kW cooling capacity
- Heater kit for arctic operation down to -35° Celsius
- Automatic fire extinguishing system for engine compartment

APU (Auxiliary Power Unit)

Power:	35 kW A
Voltage:	400/230V (50 Hz)

