

# ARMoured COMMUNICATION VEHICLE

Highly mobile, quickly deployable and well protected Communication Vehicle for a variety of missions.

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

This mobile Communication Vehicle with its spacious and EMC proven utility room provides a protected environment for the signal soldiers to work for long hours and to carry out all necessary functions.



## PIRANHA III C 8x8

A GENERAL DYNAMICS COMPANY

**MOWAG**  
PROTECTED MOBILITY



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

### Weights (approx.)

Ready for operation:	16.5 t
Payload:	2.7 t
Total combat weight:	19.2 t

Overall length:	7.24 m
Height:	3.45 m
Overall width:	2.73 m
Internal volume:	13.50 m <sup>3</sup>
Ground clearance:	0.450 m
Angle of approach:	42°
Angle of departure:	37°
Number of seats:	5

Max. speed on roads:	100 km/h
Creep speed:	below 3 km/h
Gradient:	50%
Max. side slope:	30%
Max. climbing ability:	0.50 m
Fording depth:	1.40 m
Trench crossing ability:	2.00 m
Turning circle diameter (curb-to-curb):	20.0 m
Range on roads:	500 km
Voltage:	24 V
Power-to-weight ratio:	15.3 kW/t

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.

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/6K  
brake system

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 available

Power: 40 kV A  
Voltage: 400/230V (50 Hz)

### Armament (example)

Type of gun mount:  
RLS 609

Weapon:  
12.7 mm HMG with optical day sight  
with option for low-light-level  
intensifier

Ready rounds at the gun:  
100 rounds 12.7 mm

Gun/turret drive and laying system:  
manual,  
Azimuth: 170°  
Elevation: -10° to +30°

Weapon (ancillary):  
8x76 mm smoke and fragmentation  
grenade launchers

- Air conditioning system with approx. 12 kW cooling capacity
- Optional heater kit for arctic operation down to -35° Celsius
- Automatic fire extinguishing system for engine compartment

Combat Net Radio Interface System from Thales. Two mast mounted 15 GHz line of sight radios. 6 VHF transceivers with one common omnidirectional antenna. Automatic line of sight control and pointing system. 15 m three segment telescopic mast from SMAG.

