

A R M O U R E D C O M M A N D V E H I C L E

A highly mobile, well protected command, control, communication and information platform.

The 40 kW auxiliary power unit (APU) generates the extra electrical power to operate the sophisticated C³I equipment.



PIRANHA III C 10x10

A GENERAL DYNAMICS COMPANY

MOWAGE
PROTECTED MOBILITY



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

| | |
|----------------------|--------|
| Ready for operation: | 13.0 t |
| Payload: | 7.0 t |
| Total combat weight: | 20.0 t |

| | |
|---------------------|----------------------|
| Overall length: | 7.91 m |
| Overall height: | 2.91 m |
| Overall width: | 2.60 m |
| Internal volume: | 14.00 m ³ |
| Ground clearance: | 0.45 m |
| Angle of approach: | 42° |
| Angle of departure: | 42° |
| Number of seats: | 8 |

| | |
|--------------------------|--------------|
| 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: | 1.50 m |
| Trench crossing ability: | 2.00 m |
| Turning circle diameter: | 19.0 m |
| Range on roads: | 500 km |
| Voltage: | 24 V |
| Power-to-weight ratio: | 14.3 kW/t |

| | |
|--------------|-----------------|
| Type: | SCANIA DSJ9-48A |
| Fuel: | Diesel |
| Performance: | 284 kW (387 hp) |
| Torque: | 1600 Nm |

Transmission

Type: ZF ECOMAT 7HP600
Transmission: automatic
Number of gears: 7 + 1 r.

Transfer case: single speed gear

Axles: front axle drives disengageable automatically locking differentials

Wheels and tires:
335/80 R20 XZL, 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, hydraulic, assisted by compressed air

electrically welded high hardness
armour steel plates

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

Type of wapon: 7.62 mm machine gun on open ring mount

Equipment

Auxiliary power unit (APU):
40 kW capacity (stable frequency 35 kW)

Airconditioning system:
2 x 9.5 kW cooling capacity

Winch: 8-ton pulling capacity

NBC protection system:
overpressure, 170 m³/hr

Fire extinguishing system:
for engine compartment

Arctic heater kit:
for operations as far as -40° Celsius

Command and Control equipment:
according to customer's requirements

