ARMOURED COMMAND VEHICLE

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 sophisitcated C³I equipment.



PIRANHA IIIC 10x10



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TACTICAL VEHICLES FORMULA GD. CANADA AUSTRALIA SWITZERLAND. CALIFOR TACTICAL VEHICLES FORMULA GD. CANADA AUSTRALIA SWITZERLAND. CALIFORNIA LAV. DURO. PIRANHA RG-SERIES EACH DE CALIFORNIA LAV. DURO. PIRANHA DC-SERIES FACIE LAV. DURO. PIRANHA RG-SERIES FACIE. WEADONS SYSTEMS. TAC

GENERAL STATISTICS

Weights

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

Dimensions

Overall length: 7.91 m Overall height: 2.91 m Overall width: 2 60 m Internal volume: 14.00 m³ Ground clearance: 0.45 m 42° Angle of approach: Angle of departure: 42° Number of seats: 8

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

Engine

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.

Driveline and Suspension

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

Ballistic Protection

electrically welded high hardness armour steel plates

Ballistic protection:

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

Armament

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

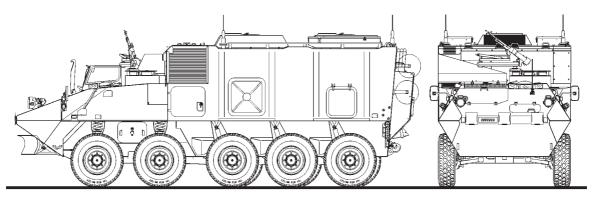
NBC protection system: overpressure, 170 m³/hr

Fire extinguishing system: for engine compartment

Arctic heater kit:

for operations as fas as -40° Celsius

Command and Control equipment: according to customer's requirements



MOWAG GmbH

Unterseestrasse 65, 8280 Kreuzlingen, Switzerland Phone: +41 (0)71 677 55 00, Fax: +41 (0)71 672 28 86 www.mowag.ch