

GENERAL DYNAMICS

European Land Systems

PIRANHA

Wheeled
Vehicles 



Family of Wheeled Armoured Vehicles



Common platform for various missions and applications

The PIRANHA family of vehicles offers the features and performances required of a modern multirole vehicle, which is well suited to practically any battlefield or peace-keeping/peace enforcing role anywhere in the world.

Due to the design concept of this truly multipurpose vehicle, a wide range of special variants has been built according to the specific requirements of our various customers.

Selection of current PIRANHA configurations



Armoured Personnel Carrier
APC



Infantry Fighting Vehicle
IFV



NBC Reconnaissance Vehicle
NBC



Command, Control & Communication
C3



Maintenance, Recovery Vehicle
MRV



Ambulance Vehicle
AMB



Modular, combat proven survivability system combined with superior mobility



PROTECTION

The PIRANHA provides a modular, interchangeable protection system, which can be adapted to the most significant threat scenarios the vehicle can be exposed to.

The vehicle hull made of armoured steel and the scaleable add-on armour are the main elements of this modular protection system.

An overall protection approach against mine threats has been realized in the PIRANHA.

Protection against blast mines is obtained through a protection module inside the vehicle, without affecting its mobility as well as through special seats and a careful definition of the fixations and installations.

MOBILITY

The unique independent suspension system with Central Tyre Inflation System (CTIS) and Anti-locking Brake System (ABS), as well as the high power-to-weight ratio results in a class of wheeled vehicles with an excellent mobility on the road and in difficult terrain.

Successful in operation and proven in combat



Field and battle proven capabilities, adaptable to distinct
operational scenarios at low life cycle cost



VEHICLE CONCEPT

- Common PIRANHA family of vehicles, using the same or similar chassis and drive train components
- Continuous evolution to meet latest operational requirements
- Integration of latest cutting edge technologies in survivability and mobility
- Unique payload/gross vehicle weight ratio
- Compact vehicle size with great internal utilizable volume
- In service with different armed forces

SURVIVABILITY

- Modular, exchangeable protection concept adaptable to various threats
- Different add-on modules for specific missions
- Validated ballistic protection against KE projectiles and fragments
- Validated mine protection against AT blast mines, Claymore-type mines
- Upgradeable protection against RPGs, EFPs, IEDs, artillery shells bomblets
- Active protection system against ATGMs

MOBILITY

- Independent wheel suspension with high vertical wheel travel
- Proven in all types of terrains in extreme hot and cold environment
- High performance and outstanding reliability
- Optional amphibious capability

MISSION ROLES

- Armoured Personnel Carrier
- Infantry Fighting Vehicle
- NBC Reconnaissance Vehicle
- Command, Control & Communication
- Maintenance, Recovery Vehicle
- Ambulance Vehicle
- Other customer specific variants

The Transatlantic Partner for Land Defense in Europe

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STANDARD & TREND-SETTER

for wheeled armored
vehicles for over
40 Years



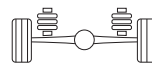
LARGEST HOME BASE

in Europe



FULL RANGE SUPPLIER

for land maneuver and
maneuver support
systems



STRATEGIC EXPERTISE

in drive line and
suspension
technology



WORLD MARKET LEADER

in amphibious
bridge and support
systems



QUALIFIED MAINTENANCE SERVICE PROVIDER

Cooperation is in our DNA

We are a reliable business partner for more than 4500 suppliers

We employ 2500 people and do business in 44 countries around the globe

44 nations – 19 NATO / EU – rely on our products and services for their safety and security

GENERAL DYNAMICS European Land Systems

General Dynamics
European Land Systems-Mowag GmbH
Unterseeenstrasse 65
8280 Kreuzlingen, Switzerland
☎ +41 (0) 71 677 55 00
☎ Fax +41 (0) 71 672 81 42

www.gdels.com | info@gdels.com

Wheeled
Vehicles

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