

GENERAL DYNAMICS

European Land Systems



THE TRANSATLANTIC PARTNER
FOR LAND DEFENSE IN EUROPE

GENERAL DYNAMICS





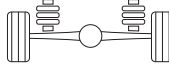


European Land Systems

General Dynamics European Land Systems (GDELS) is a business unit of the American company, General Dynamics Corporation. At present, our company employs around 2300 highly skilled and motivated employees at our business sites in Germany, Austria, Switzerland, Spain, the Czech Republic, Romania and Denmark.

Our products include heavy armored wheeled and tracked vehicles, amphibious bridge and ferry systems. Additionally, we provide repair, maintenance and servicing of military vehicles (manufactured in Europe).

Through our partnership with our sister company General Dynamics Mission Systems, we also offer C4I components, vehicle-supported communications and information systems, as well as complete digitalization solutions for ground forces.

THE TRANSATLANTIC PARTNER FOR LAND DEFENSE IN EUROPE

 <p>STANDARD & TREND-SETTER for wheeled armored vehicles for over 40 Years</p>	 <p>LARGEST HOME BASE in Europe</p> 	 <p>FULL RANGE SUPPLIER for land maneuver and maneuver support systems</p>	 <p>STRATEGIC EXPERTISE in drive line and suspension technology</p>	 <p>WORLD MARKET LEADER in amphibious bridge and support systems</p>	 <p>QUALIFIED MAINTENANCE SERVICE PROVIDER</p>
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Cooperation is in our DNA.

We are a reliable business partner for more than 4500 suppliers.

We employ around 2300 people and do business in 45 countries around the globe.

45 nations – 20 NATO / EU – rely on our products and services for their safety and security.

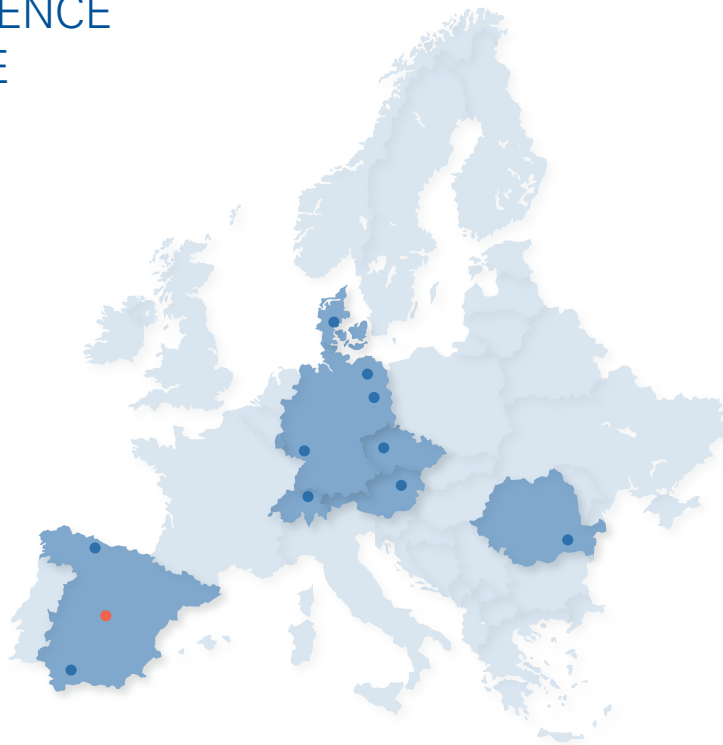
Our multi-national company structure has shown us that cultural diversity, education and expertise of our employees are indispensable requisites to our success.

We commit to a core belief: mutually beneficial, professional cooperation.

This is partly because the willingness to cooperate is what empowers our employees to contribute to the successful functioning of our multinational organization.

And partly because our market environment and the European defense industry depends on cooperation across borders. As a defense company, we believe that political requirements such as “fostering defense cooperation” or “commonality and interoperability” between military partners can be achieved successfully if we develop consistent models for cooperation across borders with other partners. We have taken this step.

OUR PRESENCE IN EUROPE



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European Land Systems–Deutschland

This company, which includes GDELS–Bridge Systems and GDELS–FWW, was founded in 2018 and its headquarters are located in Berlin. Its function is to group all GDELS business activities in Germany and to serve as the main partner for our German clients.

GDELS–Bridge Systems, founded in 1864, has around 400 employees and is operating two locations:

- Kaiserslautern, which serves both as the company headquarters and also where the bridge systems and highly complex aluminum structures are manufactured. It is also the company's Center of Excellence for aluminum welding, and for training and certification of skilled workers.

- Sembach serves as a multifunctional maintenance, repair and test center for bridge systems and vehicles - as well as training center for operator and maintainer personnel of our customers.

GDELS–FWW was founded in 2001, its headquarters are located in Neubrandenburg and it employs around 150 employees. The company, offering around 38000 m² hangar space, is a qualified maintenance, repair and service provider for military vehicles and equipment.

Both factories are certified as installations complying with the German War Weapons Control Act (KWKG).

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European Land Systems–Mowag

The Motorenwagenfabrik (MOWAG), established in 1950, is located in Kreuzlingen, Switzerland. It is renowned internationally for troop carriers and other specialized vehicles.

Above all, the PIRANHA family is the most successful wheeled armored vehicle in the Western World, currently operating by more than 20 armies worldwide. Mowag became part of GDELS in July 2004.

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Santa Bárbara Sistemas

With its origins dating back to the 16th century, Santa Bárbara Sistemas (SBS) is headquartered in Madrid, Spain. Its main activity is focused on the service to its clients, mainly the Spanish Armed Forces and NATO allies, with the design, manufacturing, test and maintenance of tracked (ASCOD) and wheeled armored (VCR 8x8) vehicles and artillery (towed and self-propelled 155/52; the SIAC and the DONAR). GDELS–SBS has two manufacturing facilities in Seville and Trubia (Spain) and one R&D Center of Excellence located in Madrid.

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European Land Systems–Steyr

Another vehicle specialist in our group is Steyr-Daimler-Puch Spezialfahrzeug, located in Vienna, Austria. Its engineering expertise dates back to the mid-19th century.

Over a century ago it switched from manufacturing civilian to military vehicles, which paved the way for the introduction of another highly versatile family of modern armored vehicles, the PANDUR. Steyr-Daimler-Puch has been a wholly owned subsidiary of GDELS since October 2003.

WHEELED VEHICLES

GDELS is a leader in the field of light and medium, tactical and armored, wheeled vehicles with vehicle weights between 8 and 33 tons. As a system provider we are well known for the outstanding quality of our vehicles such as PIRANHA, PANDUR, EAGLE and DURO.

Thoroughly combat proven, PIRANHA, PANDUR, EAGLE and DURO excel in providing next level survivability and superior performance in each class. Innovative technology combined with a proven expertise in manufacturing and MRO ensure lasting efficiency and full reliability. All platforms fuse advanced on-road and off-road mobility with a high payload and large internal volumes.

With more than 12000 vehicles worldwide, the multi-purpose PIRANHA family is the most successful and most widespread 8x8 vehicle platform in the world. Various NATO countries, including the USA, Canada, Belgium, Denmark, Romania and Spain, trust this unique and highly modular armored wheeled vehicle system.

In the light tactical and logistical vehicle segment, the DURO 4x4, the PANDUR 6x6, as well as the EAGLE 4x4 and 6x6 family of vehicles set their own standards as versatile and dependable platforms for a wide array of applications. The latter has proven itself in use by the German and Danish Armed Forces at home and abroad.

The MERLIN is the newest member of the GDELS Wheeled Armoured Vehicles product family. This extremely durable and robust high mobility platform is based on our mission proven DURO and EAGLE vehicle technology thus designed for military use from the outset. Despite its very compact outside dimensions, the swift MERLIN offers large transport volume and very high payload for a wide spectrum of mission variants including carrier for up to ten fully equipped troops, ambulance and heavy material transport. As an Airborn Vehicle it is transportable inside CH-47 and CH-53 transport helicopters.

PRODUCT RANGE:

- PIRANHA
- PANDUR
- EAGLE
- DURO
- MERLIN

MERLIN • PIRANHA • PANDUR • EAGLE • DURO • MERLIN • PIRANHA • PANDUR • EAGLE • DURO •



TRACKED VEHICLES

The ASCOD is the core product of GDELS in the tracked vehicle segment. This modern vehicle platform with a weight between 30 and 42 tons is set apart by its superior mobility, high protection of its crew and its modularity.

All vehicle variants are constructed on the same basic structure, the so-called "common base platform". In addition, they feature an open system and vehicle architecture that enables a flexible, rapid and economic integration of assemblies, components and mission / client-specific modules and technologies. Thus, all vehicle variants of medium mechanized strengths can be replicated on one platform. The variants span from combat and combat support vehicles (MMBT, IFV, ART) through engineering, mountain and bridge-laying vehicles, to command post vehicles and troop transport vehicles.

More than 1000 ASCOD units are successfully in use in Austria (ULAN), Spain (PIZARRO), the United Kingdom (AJAX) and in Asia.

PRODUCT RANGE:

- ASCOD

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BRIDGE SYSTEMS

We offer a unique and comprehensive array of mobile bridge systems with payloads from 100 kg to 120 tons.

As a world's leading manufacturer of floating systems we are known to offer the amphibious floating systems M3 and the Improved Ribbon Bridge (IRB). The two systems, which carry all of NATO's vehicles and thus constitute the Alliance's military mobility backbone, are fully interoperable by means of a specifically designed coupling adapter.

A brand new product in our floating bridge portfolio is HYDRA, a multifunctional and highly modular obstacle crossing capability for payloads up to 50 tons (MLC50). Different combinations of modules and equipment allow the system to be used as a ferry, floating bridge, transport boat or work platform both for civil as well as for military purposes.

With regard to non-floating bridges on wheeled platforms, GDELS-Bridge Systems offers the ANACONDA, a 22 meter truck-mounted assault bridge combining the proven and reliable design of the 22 meter BEAVER bridge with modern, cost-effective 8x8 trucks. Tailored to NATO's payload requirements, the ANACONDA is able carry all of NATO's vehicles.

Furthermore, the COBRA, a modular armored front launched bridge system can be mounted either permanently or temporarily and launched and retrieved in under 4 minutes. The medium-weight wheeled or tracked carrier vehicles maintain their primary functions, while offering multi-functional bridge capabilities whenever needed, thus ensuring highest operational flexibility at all times.

In the field of special bridges the VIPER, a MLC40 Modular Trackway Bridge for gap crossing up to 5, 7 or 9 meters and the MAMBA an Infantry Assault Bridge for infantry, airborne and special operations forces complete our bridge portfolio to improve the mobility of the forces.

PRODUCT RANGE:

- M3
- IRB
- HYDRA
- ANACONDA
- COBRA
- PYTHON
- VIPER
- MAMBA

• M3 • IRB • HYDRA • ANACONDA • COBRA • PYTHON • VIPER • MAMBA • M3 • IRB • HYDRA •



CUSTOMER SERVICE

Our daily endeavors serve the readiness for action and protection of the men and women in uniform. We ensure that they successfully complete their mission and return safely. As a medium-sized company, we are locally rooted. As part of an American corporation, we embed our European achievements in the transatlantic context. We live by our customers' side out of conviction in sustainable cooperation with over 4500 partners in Europe.

We are known for our first-class bridge systems, wheeled and tracked vehicles as well as for our industry-leading product and customer service. Reliability, flexibility, and cost-effectiveness are our main focus.

Our Integrated Logistics Support (ILS) is tailored to the individual requirements of the customer-specific mission profile. Experienced and certified specialist personnel ensure professional support during the procurement phase as well as during operation and deployment, both at home and abroad.

As a certified maintenance and repair company, this support and service portfolio not only covers the Group's own systems and products, but also comprehensively covers vehicles and equipment from other manufacturers.

The portfolio ranges from highly protected wheeled and tracked vehicles to light logistics vehicles and pioneer equipment.

INTEGRATED PORTFOLIO OF SERVICES:

- DESIGN INFLUENCE/INTERFACE
- MAINTENANCE PLANNING
- SUPPLY SUPPORT
- TECHNICAL INFO & DATA
- FACILITIES & INFRASTRUCTURE
- PERSONNEL
- TRAINING & SUPPORT
- SUPPORT TOOLS/TEST EQUIPMENT
- PACKAGING, HANDLING, STORAGE, TRANSPORTATION

• ASCOD • PIRANHA • PANDUR • DURO • EAGLE • M3 • IRB • COBRA • SIAC • PYTHON • ANAC





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