



BY **BERD**®

MODULAR BRIDGE SOLUTIONS FOR MILITARY USE

LOGISTIC SUPPORT BRIDGES



ABOUT BERD

HISTORY

BERD is a spin-off, from Porto University, and has been successfully present in the bridge construction market for almost 20 years.

WHAT WE OFFER

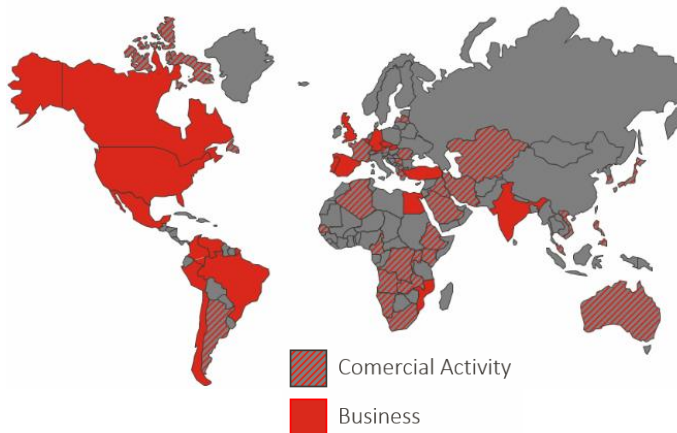
- **Modular bridge Solutions for civil and military use**
- Engineering services on bridge construction methods
- Equipment for bridge construction

BERD DNA

- **Customer Focused** | As an Engineering company, we develop solutions based on CUSTOMER NEEDS.
- **Reliability and Experience** | An established designed team, fabrication and logistic network. Zero accidents.
- **Innovation and Optimization** | Several patents, a World Record and a European Bridge Prize (ECCS). AI applications.
- **Sustainability** | Innovation pushes boundaries leading to significant material and transportation savings of up to 25%.

SUPPLY ACHIEVEMENTS

- More than 200 BRIDGES worldwide
- Bridges in 7 different countries and 3 continents
- More than 600 Containers (HC 40')
- Over 180 People Trained



BERD BRIDGES

ADDED VALUE

- Products with spans up to 120m.
- Tailor made solutions.
- For civil and military use.

- Operational and logistics optimization.
- Low maintenance.
- Permanent solutions for long life.

DESIGN AND FABRICATION. BERD can adapt modular bridge design and its capability verification for any type of load or standard worldwide, civil or military. And through rigorous manufacturing control, we guarantee traceability, ensuring high quality and reliability.

OPTIMIZATION. BERD tends to always optimize bridge solution according to client's requirements with passion and motivation. The goal is to deliver the best solution, product and service to our client, working together to achieve mutual success.

Multi Span Bridges

BERD BRIDGES



LOGISTICS. With several fabrication locations, BERD can deliver bridges all over the world efficiently and timely, in standard ISO containers, to be easily and rapidly deployed.

OTHER SERVICES. Assembly Commissioning | Training | Load Tests | Material tests | Logistics and storage optimization | Final acceptance tests (FAT) | Bridge Certifications



LOGISTIC SUPPORT BRIDGES

BERD can **Design, Produce and Deliver worldwide** prefabricated modular bridges of adapted characteristics for several requirements, that can serve as Line of Communication (LOC) bridges for the most challenging Military or Humanitarian Missions. These bridges are suitable to improve the military supply routes or to be used for the rapid restoration of affected civilian bridges, supporting the military loads and all types of civilian vehicles.

Military Purposes & Civil Protection: Bridges of **Dual Usage**, that simultaneously respect civil standards (e.g.: Eurocodes or AASHTO) together with military standards (STANAG).



FEATURES	GENERAL DESCRIPTION (to define according to client specifications)
Length	Free span up to 60.96 m
Width	4,20m / 7,35m / Other
Standard	STANAG 2021 MLC & Eurocode or AASHTO
Modularity	3,048 m
Load capacity	MLC 80T (Tracked) & MLC 110W (Wheeled)
Structural material	ASTM (equivalent to EN / BS standard)
Deck surface	Antiskid steel durbar plate
Corrosion Protection	Galvanized
Connections	Pins and bolts
Transport	ISO Containers 20' or 40'
Installation	Cantilever launching or Crane Assisted. Quick and Easy.
Design and Manufacturing	The design and manufacture of BERD bridges comply with all quality and safety standards required (European or American). BERD is an ISO9001 certified company
Material Supply Sets	Standard Bridge Set Long Span Set Standard Launching Kit Ramp Set Fixed Pier Set Span Junction Set



MBS

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