

GENERAL DYNAMICS

European Land Systems

BRIDGE SYSTEMS

Founded in 1864, Eisenwerke Kaiserslautern was integrated into General Dynamics European Land Systems in 2002 and has been operating as GDELS-Bridge Systems, the world's leading manufacturer of 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 GDELS-Bridge Systems' 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. Its robust aluminium structure and the use of COTS outboards ensure easy storage and highest operational availability at minimum life cycle cost.



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 to carry the most recent versions of Leopard 2, M1A2 Abrams and Challenger 2 MBTs.



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, GDELS-Bridge Systems developed the VIPER, an MLC40 Modular Trackway Bridge for gap crossing up to 5, 7 or 9 meters.

Last but not least, the MAMBA Infantry Assault Bridge is a multifunctional modular lightweight foot bridge for infantry, airborne and special operations forces. A bridge with a free span of up to 30 meters can be quickly assembled without special tools.

WE ENABLE
MILITARY MOBILITY

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