

Bridge Systems

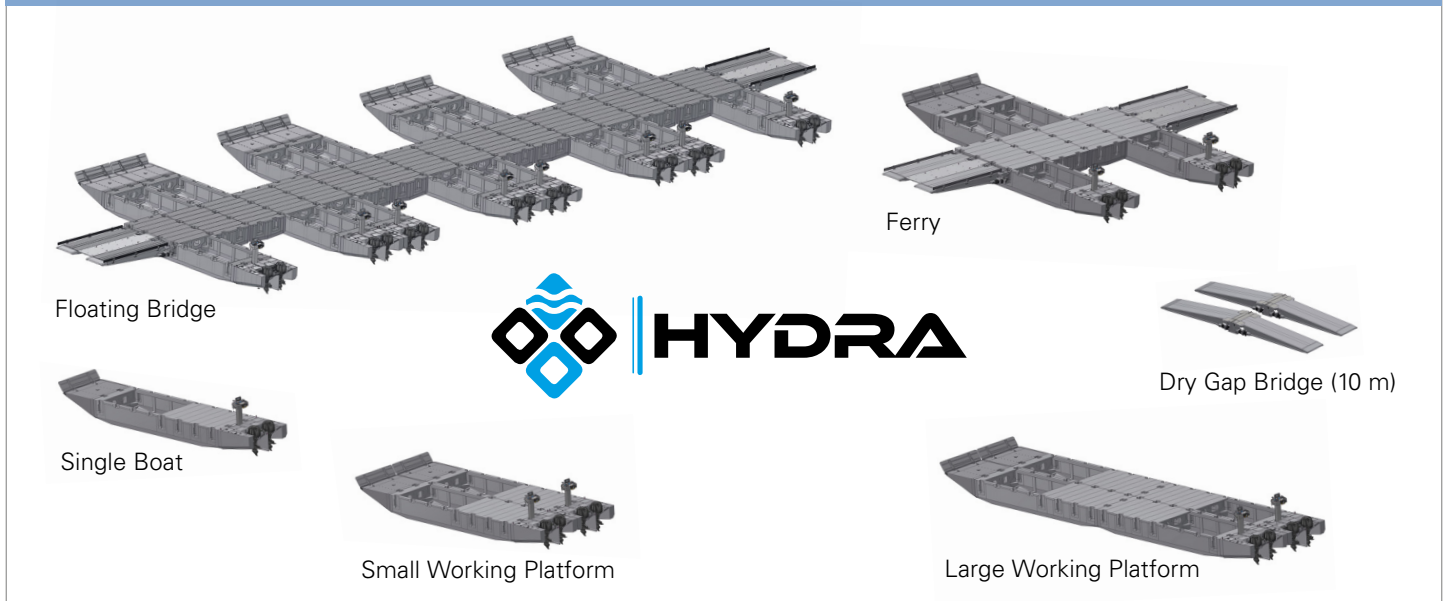
Multifunctional Medium Floating Platform

HYDRA is an easy handling and reliable wet gap crossing system for civil and military applications. This system provides a multifunctional and highly modular gap crossing capability for payloads up to MLC50 and can be transported on commercially available truck trailers. Multiple combinations of modules and equipment allow to use the system as ferry, floating bridge, transport boat, working platform or as a 10m long dry gap bridge. Its robust aluminum structure and the use of powerful commercial outboarders provides easy long-term storage, a long life time and results in low maintenance costs.

HYDRA



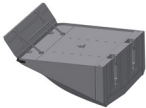
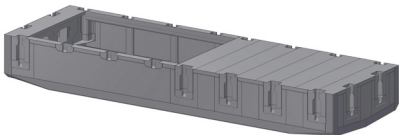
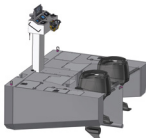
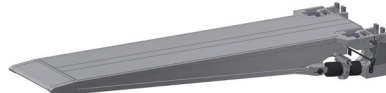
HYDRA System Overview



HYDRA Performance

- Maximum payload of MLC 50 (T/W) (for bridges and ferries)
- Launching from land into water by crane (heaviest component 2,000 kg)
- Easy transport on standard trailer
- Quick assembly of a basic ferry (4 persons, less than 1 hour)
- Single raft controlled or remote controlled or autonomous driving
- 60 hp (44 kW) per commercial outboarder

HYDRA Technical Data

Bow Section			Carrier Section		
Length:	2.0 m		Length:	8.0 m	
Width:	2.5 m		Width:	2.5 m	
Height:	1.0 m		Height:	1.0 m	
Weight:	400 kg	Weight:	2,000 kg		
Rear Section			Ramp		
Length:	2.0 m		Length:	5.0 m	
Width:	2.5 m		Width:	1.5 m	
Height:	1.0 m		Height:	0.9 m	
Weight:	750 kg	Weight:	900 kg		

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