Aluminium Consoles

Elpro is proud to present our next generation bridge consoles. Our aluminium consoles reduce the weight of the ship consoles by at least 50%, are designed in accordance with leading ergonomic principles, and have the bridge- and engine room crew in focus. Ship consoles in aluminium are a good option when weight-saving is important.

Our aluminium consoles are engineered with focus on flexibility and customization, based on ergonomics and user friendliness in all stages from installation to operation and maintenance.

Reduced weight

Reduced weight is especially important for electric- and hybrid vessels, where large battery packs raise the total weight of the vessel. This applies to both smaller service vessels and large cruise ships. Aluminium ship consoles can also contribute to increase the stability of the vessel.

Unique and tailor-made to fit each specific ship

Seabird bridge consoles in aluminium offers a high degree of flexibility and several customization options. To ensure optimal function and operational capabilities, each console can be customized to fit the bridge layout. At an early stage of all our projects we offer 3D visualization of the bridge layout. By 3D visualizing the project we make it easier for the customer to envision the result and request necessary changes.

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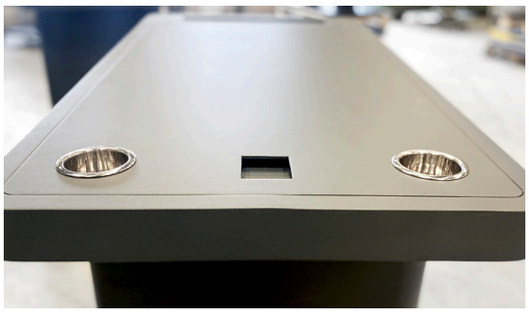

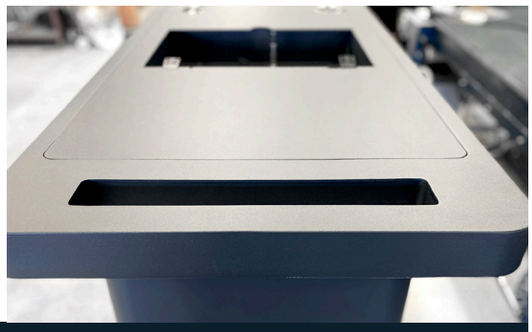

Tailored for the ship and crew - Emphasizing ergonomic design
We listen to the crew when designing our bridge consoles, to ensure they are made to fit, not only the ship but also the crew and it's needs. The bridge consoles must meet all technical and functional requirements – while also ensuring a good working environment, ergonomics, and comfortable working positions for the crew.
Our goal is to make our consoles more flexible, to fit the costumers needs.

Coated in custom colours
If desired, we custom paint the bridge consoles in the shipowner's brand colours at our top modern powder coating facility, offering a proper specialized and delicate expression.

Features

- Tailor-made solutions.
- Customer involvement and highly skilled project management.
- Project management from A to Z. Single point of contact for clients.
- Management of preferred sub-suppliers.
- Specification in close cooperation with client and systems integrator.
- Usage and communication trough advanced 3D design software, allowing concurrent and integrated customer design and interaction process.
- Engineering and design for marine purposes in accordance with the requirements of the classification societies.
- Consoles are designed and engineered in AutoCAD Inventor.
- In-house steel and aluminium processing.
- Documentation is produced with state-of-the-art design software, and customer prior to production approves the plot plan.
- All cut outs and predrilled holes are made before painting, and all surfaces are protected against corrosion.
- Surface treatment: All parts are treated and enamelled with epoxy/polyester powder coated at our paint department.
- Wide selection of RAL colours available for customer unique design.

About Elpro

The Elpro Group consists of three well-integrated business units; Solutions, Electro and Installation. Elpro has over 30 years of experience within the electro technical and electro mechanical sector. A wide spread of clients across our project portfolio has accumulated a lot of problem solving skills and industry knowledge. Talk to an experienced partner for your next project. Talk to Elpro!