



WELLINGTON **ELECTRIC** BOAT BUILDING CO

Innovators. Collaborators. Action Takers.



Global leaders in zero emission marine transportation solutions.

We build and supply composite-constructed fully electric ferries designed to suit each specific route: offering operators a future-proofed investment with reduced running and maintenance costs, helping them achieve emission reduction targets, and improving their passengers' experience.

Our boat building expertise plus our partnerships with innovative and solution-driven design and technology experts, means you can be confident in the performance and reliability of WEBBco electric vessels.



Solving complex problems is what we do

To achieve the complex challenge of zero emission, high performance ferries, the WEBBCo build team works alongside experts in naval architecture and ergonomics, structural engineering, composite construction, electrotechnology and EV infrastructure.

Every operator we work with has different requirements in terms of schedule, route, passenger capacity and charging/shoreside infrastructure, but all are ready to embrace the advantages of an electric vessel. Cutting-edge technological approaches, many years of experience, along with creativity and collaboration enable our team to solve the multi-faceted challenges we typically encounter.

Energy efficiency at the heart of our design

Energy consumption followed by maintenance are typically the largest costs for the operator over the life of the vessel.

The key to energy efficiency is to balance sufficient energy storage without over burdening the vessel – batteries are heavy and the more weight you add, the more energy you need.

So we consider all aspects, including run requirements (speed and distance), displacement and resistance, battery size and weight, energy consumption, construction method and materials, shoreside infrastructure and costs.

It is a complex puzzle, especially when you bring higher speeds into the mix, but one that the WEBBCo team relishes solving – and this is the reason why we were the first builder to launch fully electric high speed passenger ferries in the Southern Hemisphere.

Features of our energy efficient, high speed electric ferries include:

- Composite construction for strength, lightweight and longevity
- Optimised hull forms to achieve lower resistance and a smooth ride
- Automated energy management systems for real-time performance status and responsiveness

The WEBBCo team recognises that every route is different and operators have varying needs and priorities. We will work with you to determine the best fit solution for your operation.

Electric propulsion reduces energy and operating costs, making an electric ferry not only an environmentally-conscious option, but also a fiscally responsible one.



Integrating the infrastructure from the start

A successful electric ferry relies on well considered shoreside infrastructure - the capacity of the charger, the connection type, the charging rate, along with access, aesthetics and so on. This information is fed into the design process to influence hull form, structural solution, and battery technology, all of which come together to ensure the ferry meets its scheduling requirements. WEBBCo's experts in EV and shoreside infrastructure can help you ensure that this aspect of the project is integrated from the outset.

No compromise on safety

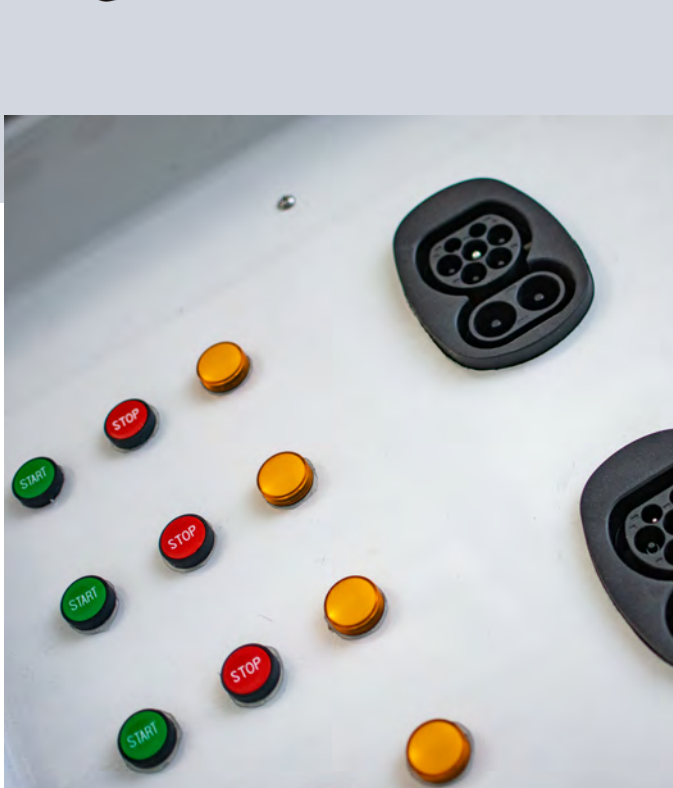
As with any maritime vessel, safety is paramount. WEBBCo ferries are designed and built in compliance with international and local maritime regulations, with specific build materials, equipment, systems and processes in place to mitigate risks.

Driven by high quality build standards

We are a team of passionate and experienced boat builders and project managers, with experience in a wide range of composite construction and other boat building technologies.

We are dedicated to efficiency, build quality and continuous improvement, a philosophy driven by our senior management which permeates the whole team.

The WEBBCo team is led by Managing Director, Fraser Foote, who has extensive experience in all aspects of composite construction, boat repairs, refits and insurance work. He has built over forty vessels of varying types and sizes as a composite builder, project manager and business owner; and has worked under contract to the BMW Oracle America's Cup Team.



Whether your ferry will be used by commuters, tourists, or for dinner cruises, and whether passenger capacity, bicycle and luggage space, hospitality or top speeds are a priority, WEBBCo can supply the electric vessel to meet your needs.

Reduced running & maintenance costs

- Significant savings on propulsion energy bill
- Longer operational time without system maintenance
- Less corrosion and fatigue on the main structure

Zero operating emissions

- Reduced noise pollution
- No risk of diesel spill
- Contribution to environmental targets

Improved passenger experience

- Reduced noise
- Less vibration
- Better sea keeping

Future-proofed investment

- Longer in-service life
- Higher residual value
- Socially responsible decision

**Interested in electrifying your route?
If you know your required run distance, schedule,
speed and pax numbers, let's start a conversation.**

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