



AIRBORN PACKAGE SPECIFICATIONS

Revision B – 19/04/2026

AIRBORN BOAT

1. DIMENSIONS

Hull length: 3.975 m

Hull beam: 1.545 m

Main foil span: 1.522 m

Aft foil span: 0.992 m

Draft when foiling: 0.95 m

2. WEIGHTS

Boat weight ready to sail (excluding crew): 41 kg

Maximum crew weight (all included): 120 kg

Maximum crew weight recommended for performance: 95 kg

3. SAIL PLAN

Sail: Mylar film with fabric reinforcements, deck sweeper, battens and graphics

Rig: two-part carbon mast and boom with Dyneema rigging.

Integrated carbon sail groove.

Mainsail halyard with hook and turning sheave.

Sail sizes: 5.9, 6.8, 7.8 and 8.5 m²

4. FOIL SYSTEM

Foils: main and aft T-foils built in carbon fiber with high-strength stainless steel junctions

Foil electric system: servo motors (brushless), sensors, microprocessor control, control switch with indicator light and vibration feedback, IP68 rated

Foil covers: felt fabric covers for protection of all foils

Both foils are controlled during flight.

5. HULL CONSTRUCTION

Hull construction: fiberglass, carbon fiber, epoxy resin with premium materials for durability and performance.

The hull and deck are laminated in precisely CNC machined moulds.

Sustainability: construction with bio-composite technology to reduce CO₂ emissions during production

Hull finish: dual-tone gelcoat with graphics.

Non-slip: foam non-slip on cockpit floor

6. DECK HARDWARRE

- 1:32 vang
- 1:16 cunningham
- foil up and down systems
- hiking strap

All ropes are optimized for strength, stretch and minimum weight and in dyneema from Gottifreddi Maffioli.

All deck hardware from Harken.

7. ELECTRICAL SYSTEM

Battery: 2 × 12 V, 10 Ah lithium-ion batteries with charger and watertight connections
Watertight battery housing with capacity to load both batteries simultaneously for extended range.

8. CERTIFICATION

CE-compliant design and construction meeting all European standards

Dimensions are specified to ISO 2768-Class V

Weights are specified to $\pm 5\%$

9. ONE DESIGN

The boats are built with weight equalization before shipping for strict one-design.

Quality control of production including laser foil placement before shipment and resin cure tests (Barcol test) for each resin batch.

10. WARRANTY

48 months limited warranty, terms and conditions apply

Lifetime one-design foil control software with wireless updates

11. DOCUMENTATION

The rigging guide, one-design certificate, and racing hull number are included free of charge.

AIRBORN TROLLEY

This trolley is designed to make handling your boat simple and efficient. A solid, low-maintenance trolley designed for consistent performance.

- Lightweight aluminium frame reduces the effort needed during launching and recovery.
- Low volume wheels, keep the trailer stable in the water.
- High performance low friction elastomer boat supports help guide the boat smoothly onto the trailer while protecting the foils.
- Practical black Velcro strap lets you secure the boat quickly and safely
- Trolley in three parts which can be disassembled for storage

AIRBORN COVER

A durable, UV-resistant cover designed to protect the entire boat and topsides. The cover is easy to install, stays taut, and shields the boat from wear and sun damage.

- Durable Oxford polyester dark grey fabric
- Discreet branding
- Full length center zip
- 2 under-hull straps with clips

