



LITE BOAT

LiteRACE 4X

 **7 YEARS EXTENDED WARRANTY**
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The LiteRACE 4X is a coastal/offshore rowing boat which meets FISA requirements. It was designed in 2018 by our Naval Architect, Sam Manuard to meet all the necessary FISA requirements for offshore competition. This boat has met lots of success especially at the world rowing coastal championship. All our boats are fully handmade in France by our team of high qualified technicians and engineers.

Specifications

Length: 10,7m | Beam: 1,31 m | Weight: 127kg – 129kg

We try to complete boats at 127kg or 129kg, just under the FISA minimum weight of 130 kg. There are four pad eye fixed inside the hull to secure any extra ballast that may be necessary to bring the boat up to minimum weight requirements.

Construction

• Gelcoat:

- White gelcoat, RAL9016, Traffic White
- Quantity: 600gr/sqm (dry)

• Composite material:

- Reinforcement: glass and carbon fabric
 - > External layer with glass fabric to improve shock resistance.
 - > Additional glass fabric reinforcement at the footwell.
 - > Additional quadriaxial glass fabric on the boat edge & at the bow.
 - > Inner layer in full carbon.

- Resin system: Vinylester
- Core material: Soric and PVC foam

• Method: Vacuum infused

• Bulkhead and buoyancy:

- There are five bulkheads in the boat to ensure stiffness of the boat.
- Large pieces of foam are glued inside the boat to ensure full buoyancy of the boat even if the boat is full of water.

Parts & equipment specification

• Riggers:

- No wing sculling riggers. Half riggers to avoid hands to be hurt on the rigger while catching the water at the beginning of the rowing movement.
- Aerodynamic profile (same profile than an airplane wing).
- Black anodized aluminum.
- Riggers are screwed on aluminum plates with stainless steel screws.
- Plates supporting the riggers are screwed and glued on the boat deck (not to be removed).

• Seats:

- Carbon seats with adjustable height (3 different positions)
- 400mm width (between wheels)

• Foot plates:

- Adjustable from 40 to 45°
- Aluminum | Black anodized painting

• Shoes: Active tools (adjustable in length).

- **Safe bailers:** the boat is equipped with two safe bailers that can be operated by the cox. The safe bailers will evacuate the water that can come in the boat in case of big waves.

• Rails:

- Aluminum | Black anodized painting
- 2 wing nuts per rail | Easy access through the hatch

- **Direction:** the daggerboard and rudder can be raised by the cox.



Fixed anodized half-riggers



Safe bailers to evacuate water



Adjustable carbon seats & active tools shoes

Racing pictures



Beach Sprints - US Rowing National Team



Beach Sprints - US Rowing National Team



World Coastal Championships - Portugal



World Coastal Championships - Portugal



World Coastal Championships - Portugal



World Coastal Championships - Portugal