

Filippi

F61

4x 4- QUAD/FOUR

MAIN SPECS

- LENGTH: 12.9 mt
- WIDTH (WATERLINE): 45 cm
- CREW WEIGHT: 83-94 kg target 87
- OPTIMAL N°STROKES: 37/38

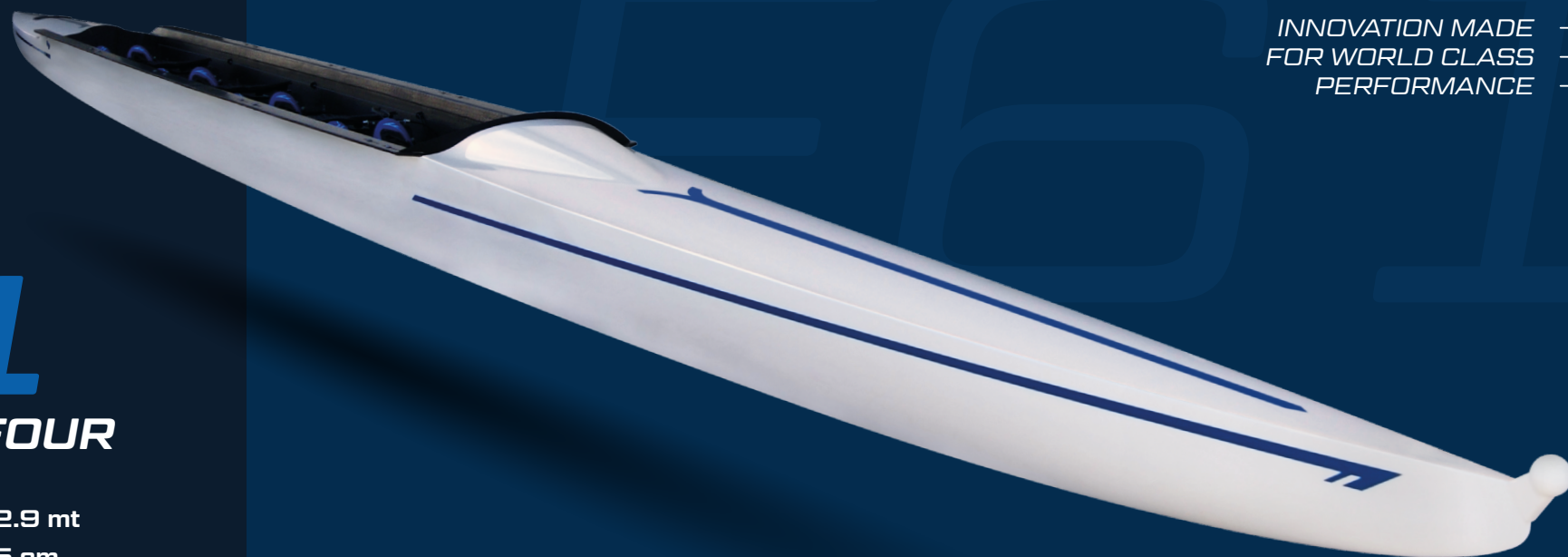
MAIN FEATURES

- MAXIMIZATION OF PERFORMANCES OF ALIANTE
- ACHIEVEMENT OF A CONSTANT BALANCE
- HIGH SPEED
- REDUCTION OF WET SURFACE (IF LAUNCHED)

MATERIALS

- CARBON
- KEVLAR
- HEXMC
- HONEYCOMB
- TITANIUM
- ALUM. ALLOY

All boats can be supplied with: Aliante carbon/aluminium riggers, carbon/aluminium wing riggers, tubular carbon riggers, standard aluminium riggers.



INNOVATION MADE
FOR WORLD CLASS
PERFORMANCE

A boat born for men's quadruple sculls

F61 is designed for scull crew. Born to meet the need of creating a boat that can work in perfect synergy with Aliante rigger.

The Aliante rigger tends to modify the bow balance during the catch phase.

To maximize the performance of the rigger, F61 presents:

- A balance variation (the crew should be move towards the stern)
- Wedge bow, with bigger volume, in order to reduce the sink and simplify the exit from the water

IMPROVEMENT OF SHAPE AND PERFORMANCE

Designing a larger bow allowed us to lengthen the bow, thus increase of the length of buoyancy, thus an increase of the critical speed.

The result is a hull with:

- Lower shape resistance
- Lower wet surface, thus lower water friction
- Better water passage then better direction line

SPEED INCREASE AND PITCHING REDUCTION

The peculiar shape of the bow greatly reduces the pitching effect.

The hull is designed to take advantage of a large strokes number.

All this translates into an increase in speed, resulting in maintaining a practically constant balance.

In the moment of maximum speed, the reduction of pitching allows the crew to be able to count on a constant and regular penetration of the oar into the water, especially for the rowers in 1st and 4th positions.

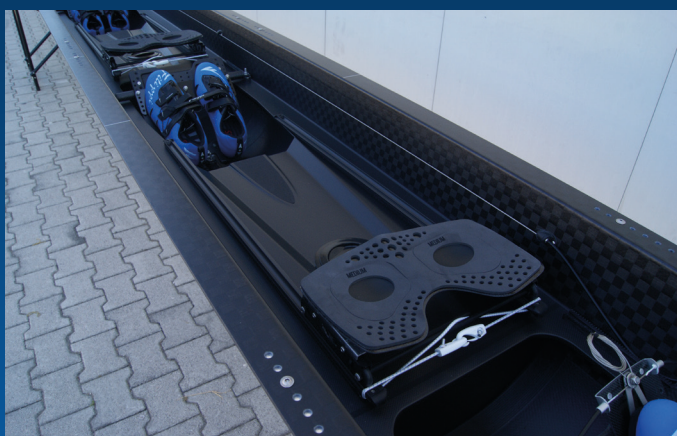
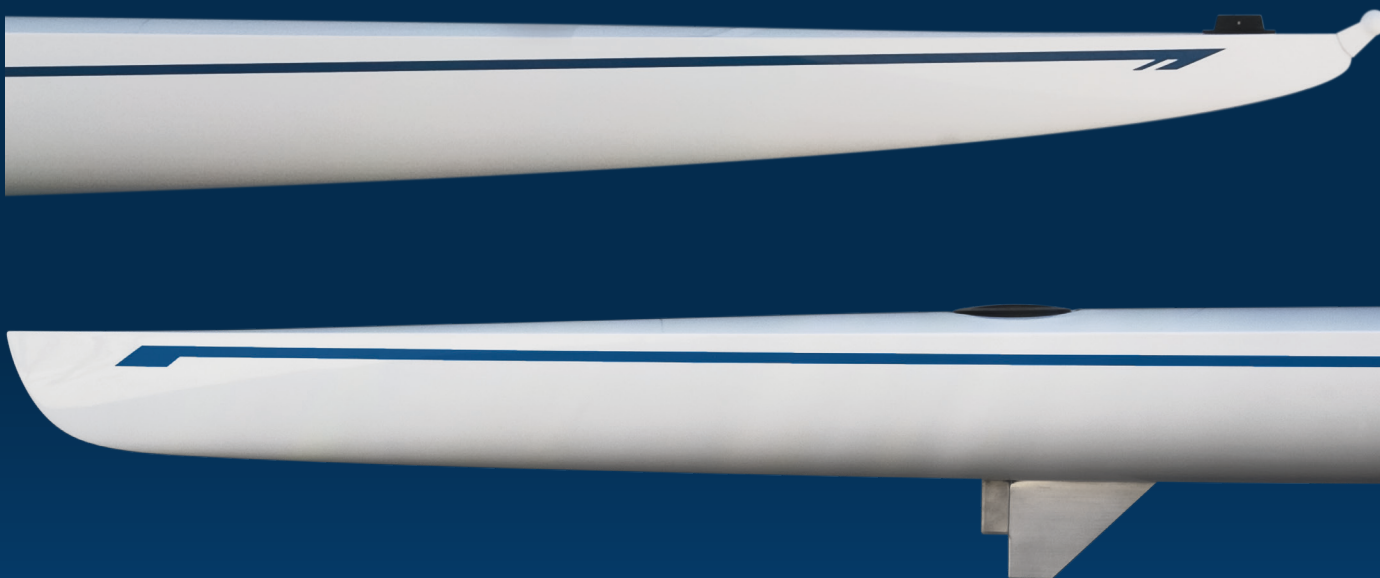
A good athletes technique allows them to take all the advantage of the boat, keeping it at almost constant speed.

FINAL IMPROVEMENTS

Even in wave and wind not optimal condition, the high lateral dimension allows a secure roll stability. The fin is in a very backward position respect the center of gravity of the boat, in order to contrast the yaw and ensure a better maintenance of the direction line.

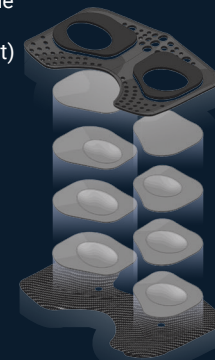
SWEEP CREW CONFIGURATION

The hull has been designed and built with overlapping geometries, minimizing the tendency to turn in case of roll. The use of the rudder together with the water resistance are therefore reduced. This is why the F61, despite being designed for the scull, can also be the right choice for the sweep crew.




FEATURES INCLUDED

- Standard color paint: white color with blue stripe.
Paint used: UHS (Ultra High Solid Paint)
- Rudder cable integrated under the cover with inspection hole (2x/2-/2+, 4x-/4x+, 8+)
- A more rounded design of the deck that facilitates the fluidity of the water and gives the boat a more sharpen and forceful shape
- Composite material made of a double skin of carbon fiber fabric with a core of honeycomb
- Extra layers of high modulus carbon applied in strategic points of the boat structure, to reach higher stiffness
- Higher performance "Chess" carbon fabric
- Best quality epoxy resin
- Titanium pins
- Stainless steel hardware (316 - A4 / 304 - A2)
- FC01 full carbon footstretcher with adjustable angle and full carbon crossbar
- 4IN1 seat, standard or adjustable, designed to adapt to physical differences between males and females
- A protective rigger bag for boat configurations with CWA (Carbon rigger Aliante) and CW (Carbon wing rigger)
- MAS rowing shoes (available in three different colors) with additional performing wedges and special socks with calf sleeves



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