

A NEW STYLE OF FAST SAILING

The Kaep is a high performance ultra light proa fitted with an easily manageable windsurf rig of 5 sq. mtr.

All up weight is a mere 35 Kg.



Lying down on the trampoline, close to the water, the craft is steered by simply shifting your weight slightly fore or aft to change the rake of the main hull, and adjusting the sheet which is fastened to the boom.

There is neither tack nor gybe : swivelling the rig by half a turn and moving yourself to the opposite end of the trampoline makes the boat immediately sail off on the reverse course.

Simple to assemble.

No tools needed : no bolts, no screws.

Ready for exhilarating sailing in 15 minutes.



No problem to reach your favorite spot :

The main hull breaks down into two parts and can easily be transported on your car top, together with the outrigger : each piece weights no more than 7 Kg.

Needs only a small space to store it in your garage !



1) The ingenious main hull assembly consists of two identical halves held back to back by a tightened sleeve (Patented design N° 2 651 743).

2) The adapted windsurf rig is fixed in its correct position and supported by a prop and two adjustable stays connected to the front end of the boom . The whole rig can swivel through 180°. The single continuous sheet is fastened on either side of the boom, and can be easily grasped to reverse the sail for emergency stops !

The right sail size, ideally from 4 to 5sq.mtr, depends on your weight and the wind speed : a 5.0 is perfectly suited to a 90 Kg. sailor for a medium wind (3, 4 Beaufort.) and a 4.5 is quite enough if you weight 60 Kg.

3) Rudderless steering is much easier than you would expect.

The very slender hull acts as a very effective lee resister, given a minimum boat speed.

Shifting your weight back and so increasing the hull's rake makes the centre of lateral force move backwards, and consequently, since the center of effort does not move, the boat bears away.

Shifting your weight forward again will obviously make the proa go upwind .

After only a few tries, you will find the movements come naturally and you'll be surprised by its windward capability !

Furthermore, while sailing at high speed it's a joy to alter a course without pulling hard on a tiller !

**4) Attestation of conformity to EC rules / C design category
(Bureau Veritas 19.11.2002) stability and freeboard / buoyancy and flotation**

there are 3 watertight bulkheads in each half-hull and 5 in the float.

TECHNICAL DATA

Every piece of the half-hull and the float is a vacuum moulded glass / epoxy sandwich. Gel-coat free outer faces are directly covered with an automotive PU paint.

An extra protecting coat is applied on the keel.

- Overall length : 5.5m (each half-hull : 2.75 m)
- Float length : 3.8 m
- Beam : 1.35 m
- Weight (hull, float, crossbeams, trampoline and fittings) : 27 Kg

