

MANUEL  
USER GUIDE

FRANÇAIS

ENGLISH

# HYDROFOIL CARBON MAST

LA PRATIQUE DE L'HYDROFOIL COMPORTE  
CERTAINS RISQUES ET PEUT CAUSER  
DES ACCIDENTS GRAVES. LISEZ ATTENTIVEMENT  
CE MANUEL AVANT D'UTILISER CE FOIL.

USING A HYDROFOIL INVOLVES RISKS  
AND CAN CAUSE SEVERE INJURIES.  
CAREFULLY READ THIS MANUAL  
BEFORE USEYOUR GEAR.

  
F-one

## GET TO KNOW YOUR CARBON MAST

The F-ONE carbon mast is monobloc and therefore consists of one single piece. The top ends by a plate with 4 holes enabling to fasten the mast to any board fitted with a double track system. The bolts must be M6 diameter with a tapered head (bolt spacing is 160 x 90 mm), the length of these bolts vary depending on the standard of the board, please refer to your board specifications and equipment.

At the lower end, the mast ends with a mast foot featuring the TITAN format, which enables to fasten the mast onto the fuselages and wings also featuring the corresponding TITAN imprint. Fastening the bottom of the mast is done using some M6 bolts. The standard and length of these bolts depend of the fuselage or the wing which is being connected. Please check the characteristics of the screws supplied with your fuselage or front wing.

- ❶ Top plate
- ❷ Profile
- ❸ Mast foot



## WARNING

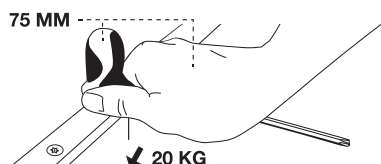
**THE SHAPE OF THE WINGS' PROFILE SHALL NOT BE MODIFIED, FILLED AND SANDED. DOING SO WOULD ALTER THE BALANCE AND PREVENT THE CORRECT OPERATION OF THE FOIL.**

In order to guarantee the correct behavior and performances of the foil, the rear edge (trailing edge) of the wings must remain very thin, hereby making this part more fragile in case of impacts. During handling and use of the FOIL, the user should be particularly cautious with these sharp areas in order to avoid any risk of injury.



Vibrations during use can lead to the loosening of the bolts. To ensure proper functionality and avoid damage/failure, it is necessary to tighten all bolts firmly before each use (especially those between the fuselage/plane and the mast)

**TIGHTENING TORQUE : 15N.m**



The F-ONE Carbon mast is designed to be used for a variety of foiling water sports: kite-foil, surf-foil, wing-foil, etc.

However, it is not recommended for use as a windsurf/windfoil foil mast and warranty will not be applicable in case of breakage for such use.

## CARE & MAINTENANCE

**Following every use, make sure you always**

- Take apart the front wing, fuselage and other parts from the mast.
- Clean and rinse all the parts of the foil before storing them.
- Protect the parts by storing them in their original packaging or using another appropriate protection.

Make sure the surface of the blades remain smooth and clean. The foil works using a dynamic equilibrium and the flow around the wings can be very sensible to local roughness. Sudden stalling can happen if the surface condition of the several parts is compromised. Stalling the foil can unsettle the rider and result in abrupt falls. If local bumps or troughs appear following an impact, fill with epoxy resin or primer and sand until the local surface is smooth and clean again. It is strongly recommended to let a professional handle these kinds of repairs.

## SPARE PARTS

The spare parts required for the correct use of our products are available from F-ONE or your local dealer. These parts are usually available for 3 years following the 1st introduction of the product on the market. Shorter or longer delays can apply depending on the product. For any information, contact your dealer. Carefully write down your product serial number. It will come handy to identify the product, for after-sale issues or in case your gear gets stolen.

## GUARANTEE

**F-ONE products are guaranteed according to the laws in force against any major defect.**

This warranty is subject to the following limiting clauses:

The warranty is valid only if the product is used under normal conditions of use and excludes the use for rental. F-ONE reserves the right to determine whether or not the guarantee is covered by a visual inspection (photo or visual inspection of the equipment) clearly showing the defect(s).

If necessary, this information may be sent to the F-ONE distributor in your country. The product may be returned only after the issue of a customer service return number by your F-ONE distributor. The original invoice must be attached to any warranty claim. The name of the store and the date of purchase must be clearly legible. If the product is declared defective by F-ONE, the warranty covers the repair or replacement of the defective product only. F-ONE is not responsible for any additional cost, loss or damage resulting from misuse of this product.

**This warranty does not cover damage caused by**

- Misuse (including any damage caused by an impact of any part of the hydrofoil with the sea bed, reef, shoal, or any other element),
- Abuse, neglect or normal wear and tear,
- Any alteration of the original equipment,
- Damage due to excessive sun exposure or to winds on the beach,
- Damage caused by improper handling and storage,
- Damage caused by use in shore break,
- Damage caused by anything other than defects in material and workmanship.

**FOR ALL WARRANTY CLAIMS, CONTACT YOUR DEALER FIRST.**