



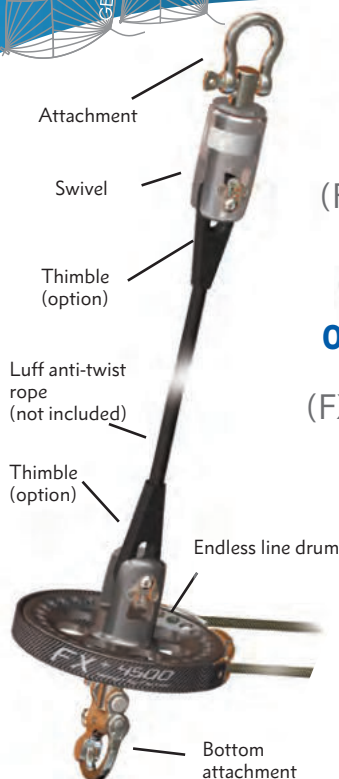
FX+ & FXT INSTRUCTIONS (INSTALLATION & USE)

Installation : pages 1,2,3 Use : page 4

BEFORE INSTALLATION

1 – BOX CONTENT (to be checked upon reception)

A : Standard Kit



+ 2 Types of attachments (top and bottom): depending on the furler model (FX+ ou FXT), the following attachments are included in the standard kit :

Model	FX+ 900	FX+ 1500	FX+ 2500	FX+/FXT 4500	FX+/FXT 7000	FX+ 12000	FX+ 20000
Bow shackle	x 1	x 1	x 1	x 1	x 1	x 1	x 1
Snapshackle	x 1	x 1	x 1	x 1	x 1	-	-

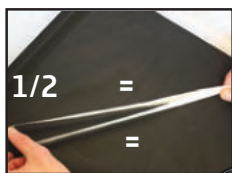
B : Options

Options / Models	ø et longueur selon Modèle	FX+ 900	FX+ 1500	FX+ 2500	FX+/FXT 4500	FX+/FXT 7000	FX+ 12000	FX+ 20000
 Spliced furling loop	ø 6	x 12 m x 16 m	-	-	-	-	-	-
	ø 8	-	x 16 m x 20 m	x 16 m x 20 m	-	-	-	-
	ø 10	-	-	-	x 20 m x 26 m	x 32 m	-	-
	ø 12-14	-	-	-	-	-	Length on request	
 Ratchet system		-	CLK 1500	CLK 2500	CLK 4500	CLK 7000	CLK 12000	-
 Twin fairlead (rope hole ø 20)		TSL 25 (stanchions ø 25mm)						
		TSL 28 (stanchions ø 28 mm)						
 Articulated fairlead		ASL 25/28 (stanchions ø 25 to 28mm)						
 Stainless steel thimble		-	FCI D08	FCI D12	FCI D16	-	-	-
 Aluminium thimble		-	-	-	-	FC 20	FC 22 (Cruising) FCR 16 (Racing)	-
 Snatch block (pivoting carbon cheeks)		-	On request	SB2500	SB4500	SB7000	-	-
 Slid sheaves		-	SSH1500	SSH2500	SSH4500	SSH7000	-	-
 Soft converting part for snapshackle					SOFT4500			
 Endless line drum cover		On request	PROTEC 2500	PROTEC 4500	PROTEC 7000	PROTEC 12000	PROTEC 20000	

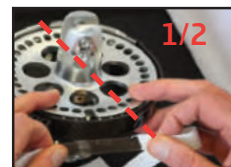
Ref. 29160040095 ind. B

DRUM PREPARATION (FX+)

2. PROTECT THE EDGE OF THE DRUM SHELL WITH TAPE (supplied in the kit)



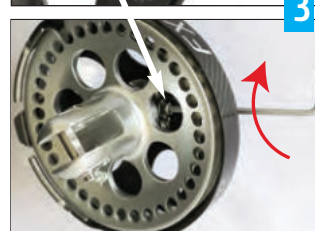
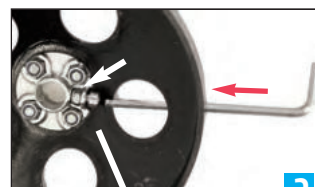
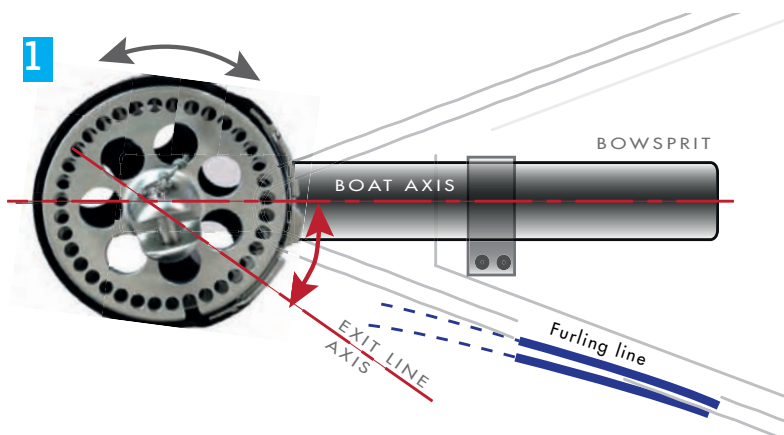
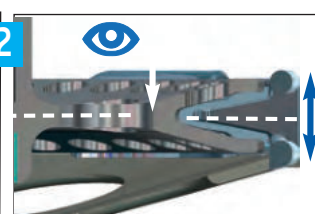
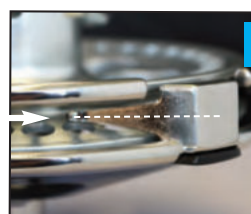
- Fold the protection tape in half and peel half of the paper strip (as shown)
- Opposite the line feeder place the protection tape on the edge of the carbon shell (see pictures)
- With your thumb push air bubbles out of the protection tape.
Cut the tape if too long.



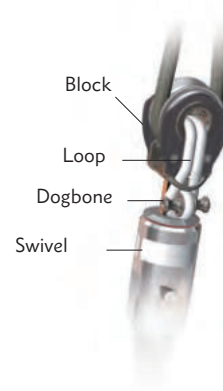
- Gently notch the tape if necessary for small size FX+ models.
(see against)

3. ORIENTATE THE FURLING LINE FEEDER (FX+)

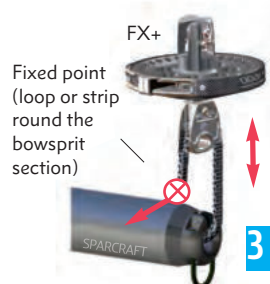
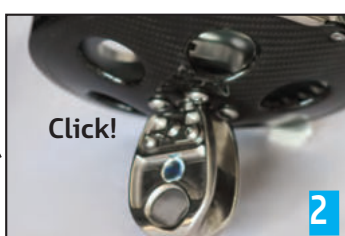
- Notice the most appropriate orientation on board
- Fit temporary the snap shackle on the chain plate
- Orientate the line feeder in the right alignment (1)
- Check the alignment of the line extractor with the V groove (2)
- Tighten the set screw with the Allen key delivered (3).



4. FIT THE TWO-TO-ONE BLOCK (OPTIONAL)



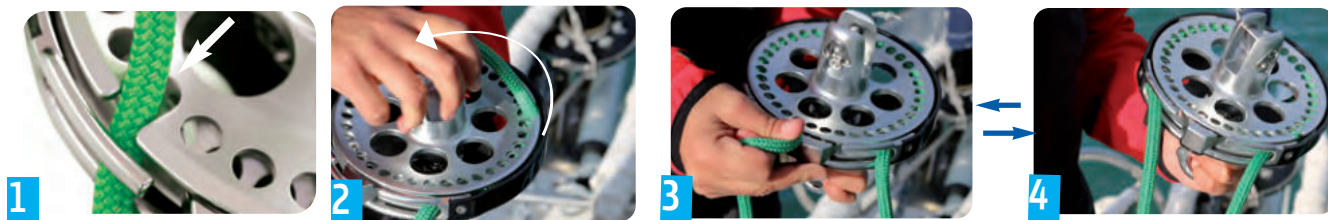
5. FIT THE SOLID SHEAVE (OPTIONAL)



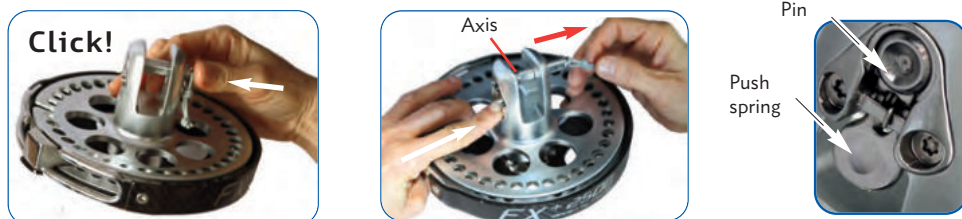
Drum (FXT)



6. FIT THE FURLING LINE ROUND THE DRUM :



7. SECURE/RELEASE THE MECHANISM PIN :

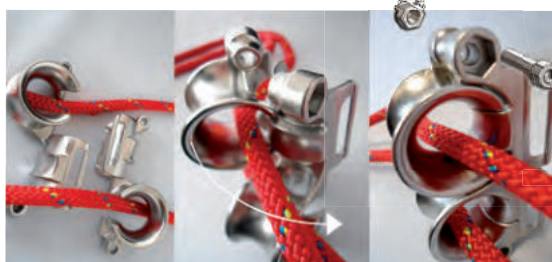


8. FIT FURLING LINE ON DECK AND ADVICES

Advices:

- Prepare your equipment before sailing
- Your local marine professional can help you to fit the deck equipment for the furling line. The furling line needs to be correctly tighten and blocked if necessary (example of fitting on drawing below).

Open/Assemble the twin fairlead

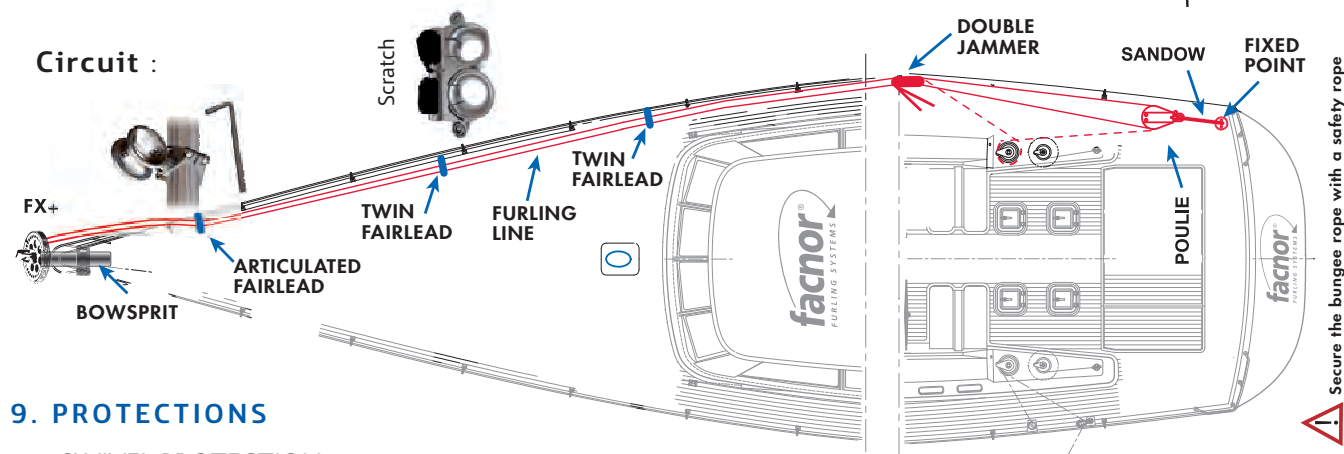


Open the twin fairlead to introduce the existing spliced furling line through the ring.



Fasten the Velcro strips around the stanchion

Add a winch block and a bungee rope to tighten the furling line



9. PROTECTIONS

SWIVEL PROTECTION



ENDLESS LINE DRUM COVER (OPTION)



Maintenance :

Do not use solvent and rather use clear water with soap to clean the carbon shell.



1. BEFORE HOISTING

Lay the sail on deck

Introduce the furling line into the drum

Fit the line on deck (see page 3)

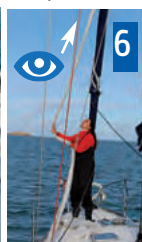
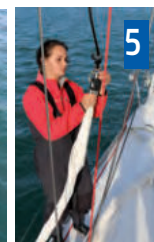
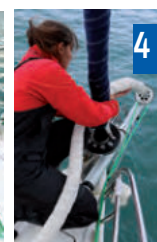
Connect the mechanisms ("clicks!")

Attach on the bowsprit


Attach the halyard + protect the swivel

Make the halyard clear

Tighten the halyard



2. HOISTING PRECAUTIONS

- Always anticipate the sail handling: start the handling conditions permitting and rigorously respect the sail use range specified by the sailmaker.
- Caution : the sail furls out very fast. Gloves recommended. 
- Furl the sail out with the sheet secured round the winch. In light wind pull the furling line to unfurl.

3. BEFORE FURLING

- Tighten the anti-twist rope sufficiently enough;
- Reduce the pressure in the Gennaker by slightly sailing further downwind;

4. FURLING

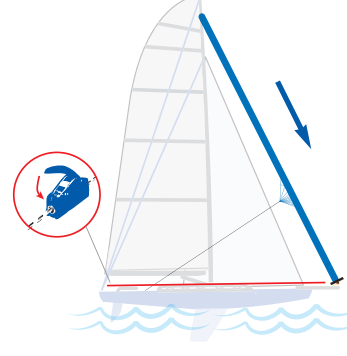
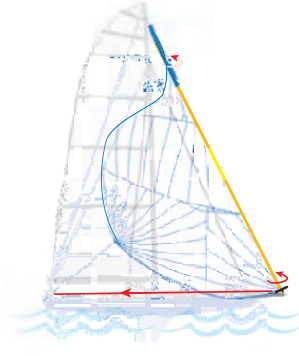
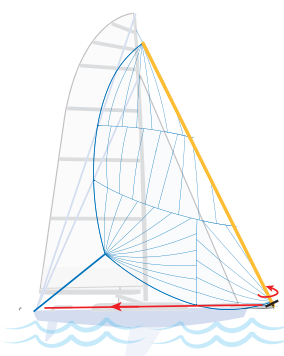
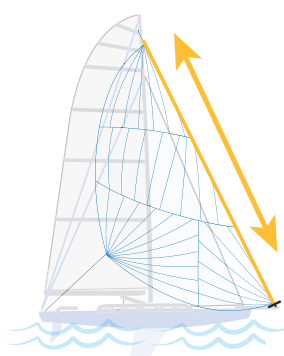
- Check that the anti-twist rope is tight.
- Start furling by pulling the furling line and progressively releasing the sheet.

1 Tighten the anti-twist rope before furling

2 Slightly tighten the sheet, and then pull the furling line

3 Progressively release the sheet so that the sail furls in properly

4 Secure the spiced furling loop and do not leave the sail up in case of strong wind



Always check if anything prevents the head of the sail from free furling.

5. BEFORE FURLING

- NEVER SAIL with the Gennaker or Code Zero partially furled.
- Once furled, never rely on the lock to fully secure your sail.



FURLING WITH THE RATCHET SYSTEM (see vidéo)

- Furling OUT with the ratchet option on.

From a locked position, release the ratchet by operating the drum by rotating (furling in) half a turn. Once released the sail will unfurl easily.

- Furling IN with the ratchet option on.

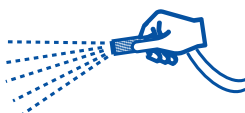
Start furling in. If you stop at any time and let go of the furling line, the flying sail will be automatically locked thanks to the ratchet device.

- Once ready to resume, simply start furling again. The ratchet in the continuous line drum will be automatically activated from the first rotation.



6 – MAINTENANCE :

- Rinse the mechanisms after use.



Please do not hesitate to contact Facnor sales team (info@facnor.com) or agents if you have any queries : info@facnor.com