

The quick-plug in FXH furler follows the Facnor principle of easy sailing. It has been especially designed to give assistance to light sail handling on 50' boats and above. The available options are specifically adapted to maxi yachts.



## «PLUG AND PLAY» CONCEPT

- Sail quickly installed (quick-release pin)
- Intuitive design and humidity resistant
- Hydraulic connections easily fitted
- Easy sailing: constant torque, simple fitting and uncluttered foredeck
- Option: micro power pack with 4 functions - "furling in", "furling out", "release" cutting the pressure for easy wire plugging and "bypass" disengaging the drive unit when over speed furling out
- Integrated in-deck version available : IDXH (See page 44)

FXH hydraulic



## Remote control with specific functions

- Release
- Bypass
- Furling in/out (see options above)

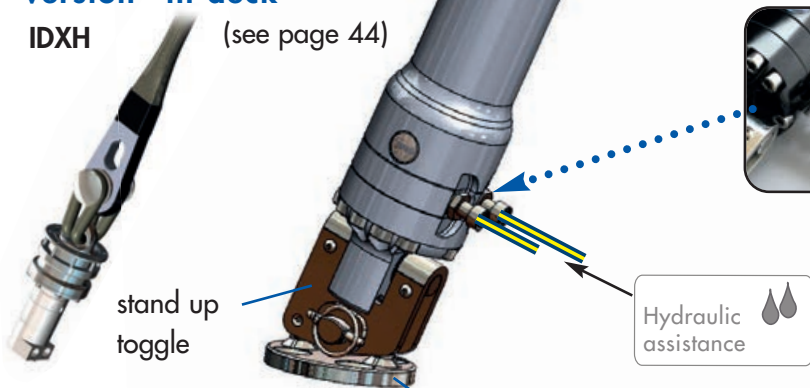
## Controlled hydraulic operation

120 tower / rpm

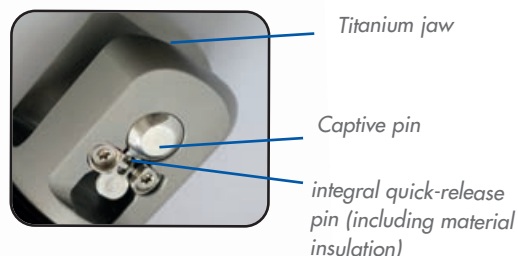
## Version "in deck"

IDXH

(see page 44)



## Quick assembly jaw & swivel



## Titanium jaw on drive unit and swivel

Light and resistant. CNC machined mono block

## Quick and reliable connections

Self-sealing wire plugs



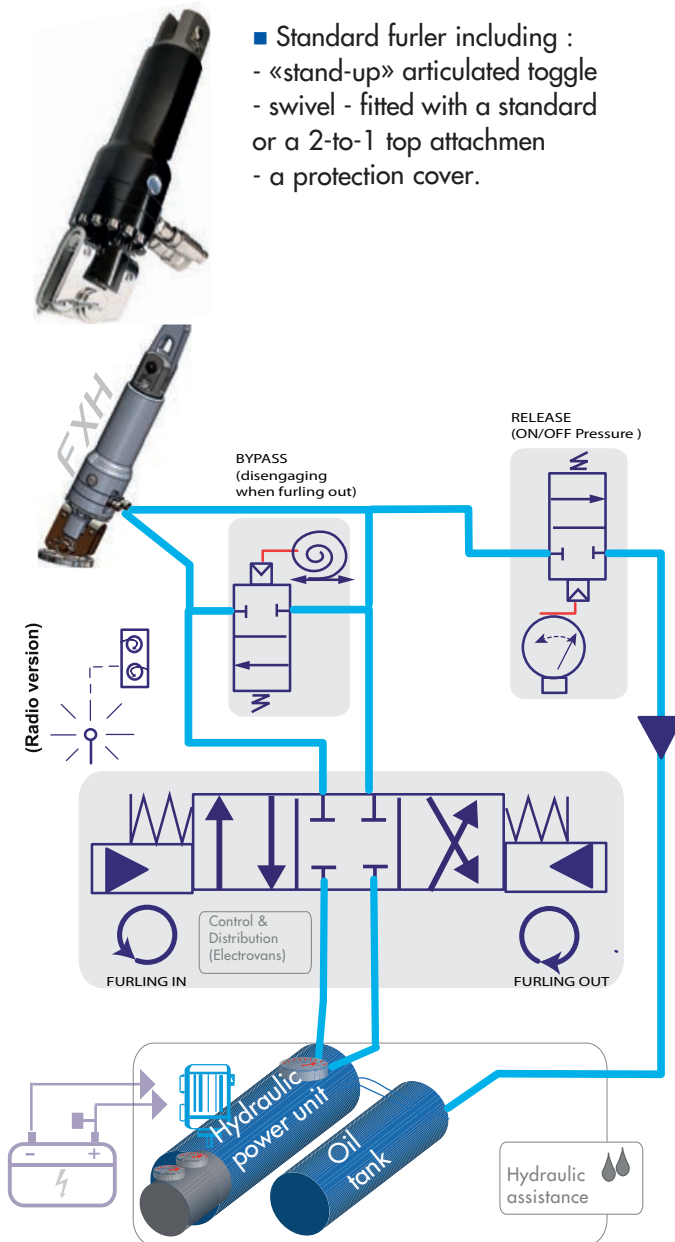
Plugging without oil leak



See the video on YouTube

<https://youtu.be/-pM24ZtervU>

Advised installation: "stand up" toggle and quick plug in and out device



## COMPONENTS, OPERATION & OPTIONS

### Operation :

#### ■ 3 possibilities for supplying power :

- > Existing hydraulic power unit + extended tube circuit dedicated to the furler;
- > Existing hydraulic power unit + Facnor control box + 5-meter flexible tube
- > Facnor micro hydraulic power box + Facnor control box + 5-meter flexible tube

### Options :

- **4-functions control box :** control box driven by manual switch or remote controllers\* + 2x 5-m flexible tubes

#### Specific functions :

Release – to reduce pressure and plug the connectors in  
Disengage – to furl out at high speed (300 to 400 turns/min instead of 120 turns/min)

\*receiver/radio remote control,



- **4-function control box + micro power unit**

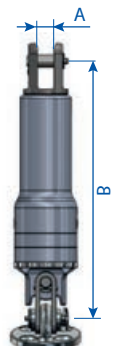
- **integrated in-deck version (IDXH) :**

Small dimensions.  
See page 44.



## FXH Technical features & micro hydraulic power box

REFERENCE Part N°	MODEL	LOAD MAXI. SWL*	BOAT LENGTH	POWER	ø PIN	DIMENSIONS (mm)		
						A	B	
FXH HYDRAULIC FURLER								
43500007000	FXH 7000	7 tons	16 → 20 M	80 Nm to125 Bars	ø 14	26	355	
43500012000	FXH 12000 STD	12 tons	+20 M→		ø 16	26	355	
43500012001	FXH 12000 Racing	12 tons	+20 M →		ø 18 (fiber terminal)	22	354	
OPTION FXH** CENTRAL HYDRAULIC POWER BOX						Length	Width	Height
56017000010	FKX_OPTION		16 → +20 M	1600 - 2000 W	-	600	260	350



\* The S.W.L. is the maximum safe working load over which distortions of the furler can appear. This load is approx. 50% of the breaking load (depending on models)

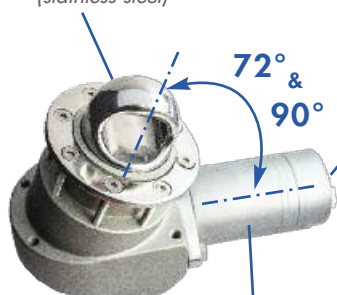
The IDXH hydraulic furler performs similar functions to the FXH model, but it is fitted under the deck or in the bowsprit what makes it invisible and elegantly integrated.

## IDXH: THE "INVISIBLE" FURLER

- Fast furling
- Smart and aesthetic design (unlikely to be remarked)
- Facilitated handlings and cleared deck
- Same options as FXH: micro hydraulic central unit + 3-function kit ("furlin", "furlout" and "bypass" that operates the clutch in cas of high speed furlout)
- Adaptable to various deck thicknesses (see chart below) and according to configuration : connection by rear or side port.

### Rotating padeye with lashing eye

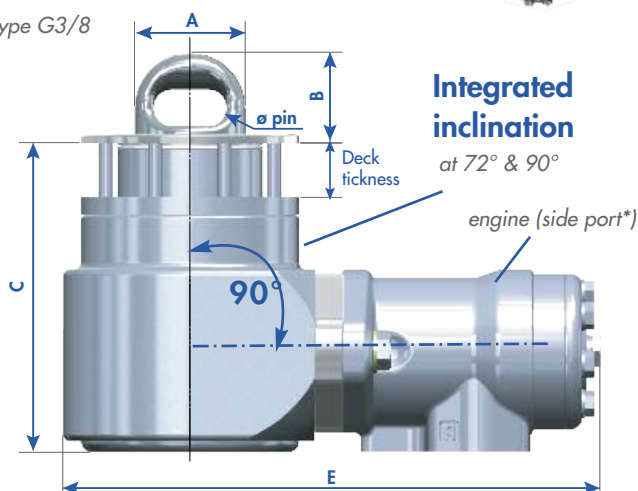
(stainless steel)



hydraulic motor  
(rear port\*)

### Fixed connections

type G3/8



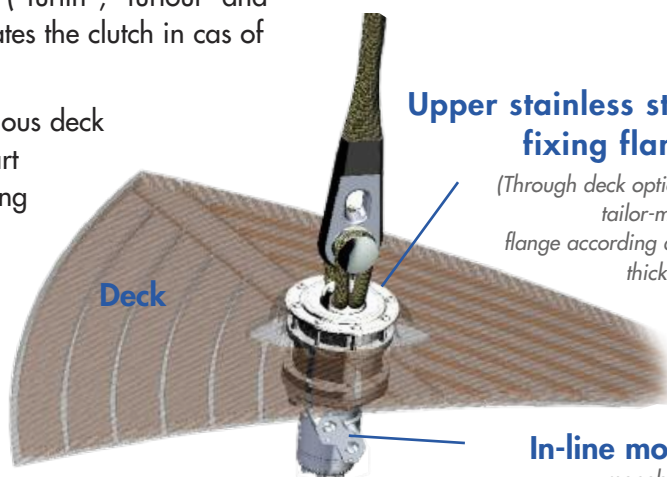
### Integrated inclination

at 72° & 90°

engine (side port\*)

### Upper stainless steel fixing flange

(Through deck optional tailor-made flange according deck thickness)



In-line motor monoblock



## IDXH technical datas

MODEL REFERENCE	MAX. SWL*	Boat Length (m)	Engine	Speed	Power	ø PIN	max thick. (mm)	DIMENSIONS (mm)				
								ø A	B	C	D	E
"Angular motor" version available with 72° and 90° inclination												
IDXH 12000 72°/90°	12 tons	16 → 20m 52' → 65'	20 cc rear port or side port	150 RPM at 6L/min	50 N.m at 100 bars	Ø20 (for fiber terminal)	35	60	49	172	100	236
IDXH 16000 72°/90°	16 tons	+20m→ +65'→	100 cc side port	150 RPM at 30L/min	380 N.m at 140 bars		40	61	50	170 no connec.	140	296
"Inline" Version												
IDXH 12000 inline	12 tons	16 → 20m 52' → 65'	50 cc rear port or side port	150 RPM at 7,5L/min	46 N.m at 70 bars	Ø20 (for fiber terminal)	20	60	48	208	105	105

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Connection = G3/8