



Photo : © Arnaud De Buyzer / RM Yachts

FlatDeck is a unique powerful furling system fitted with a webbing. This great Facnor innovation offers safe and easy headsail furling: no reefing line overriding and a massively improved torque. With the FD low profile drum, you benefit from a maximum luff!

PERFORMANCE & EASY FURLING

FlatDeck

- Maximum power when you start furling in
- Maximum luff (low profile drum)
- No risk of overriding (webbing guide exit)
- Complete webbing fitting /rope & leads
- Rotating tack fitting



Great torque

since the beginning unlike classic drums (see pict 1)

High load Swivel
(waterproof)



Linear Rotation

Bearing box supports both halyard and sail foot tensions.

LS/LX/RX Evolution into FlatDeck

possibility to upgrade a classic model* by adding a FD drum. (*see p13)

360° Rotating tack fitting

fitted with Torlon® balls : takes up automatically the sail fullness when furling.

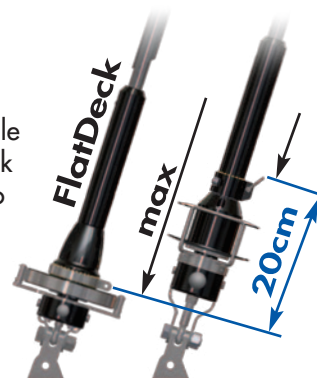


Low drum

fitted with short link plates

Maximum luff

thanks to the low profile drum and the Genoa tack and foot that lays close to the deck



Internal Turnbuckle (standard)

Webbing guide exit

This eliminates overrides as the webbing lays flat inside the drum. New 360° rotating guide



High resistance webbing

Stretching and UV resistant webbing (Polyester FD 90 to FD 190, Dyneema FD 210 to FD 310)

> Video FD



FURLING LINE & SECTIONS

Webbing / Furling rope kit :

- See description of the furling line kit (see p.14)
- The webbing is connected to the line with a swivel.
- The oblong design of the swivel guarantees a free run.



Foil sections :

- kits available with "R" **elliptical foil sections** (lighter and thin) but also with "SX" **rounded foil sections** (cruising). See p.24

"RACING & RACING - CRUISING" FD-R RANGE

	FD 110	FD 190	FD 230	FD 310
Boat length (feet-meters)	26' → 33' 8 → 10 m	29' → 39' 9 → 12 m	36' → 43' 11 → 13 m	41' → 60' 12,5 → 18 m
Section weigh / meter	Elliptical sections R * *necessary to have removable eye or turnbuckle			
	R 14 451 g	R 24 555 g	R 26 641 g	R 34 991 g
max. forestay ø (inch & mm)	9/32*** ø 7**	5/16" ø 8	3/8" ø 10	1/2" ø 12,7
Halyard swivel	C 14	C 24	C 26	C 34

** Close turnbuckle cage if open cage ø > 24 mm



FD Standard kit:

- drum
- internal turnbuckle fitting
- short link plates
- sections + connexions
- halyard swivel
- webbing / rope kit (see page 14)

International awards :

- 2012 Segeln Award (Germany)
"best sailing equipment category"



- 2011 Pittman Award (USA)
"Racing gear category"



> "R", "SX" retro-fitting & other brands :

- boat with LS/RX Facnor drums (SX & R sections) or other brands, can be retrofitted with FlatDeck model (with drum kit + webbing + leads). Your Facnor dealer can advise you (jaw installation and bottom terminal ø required).

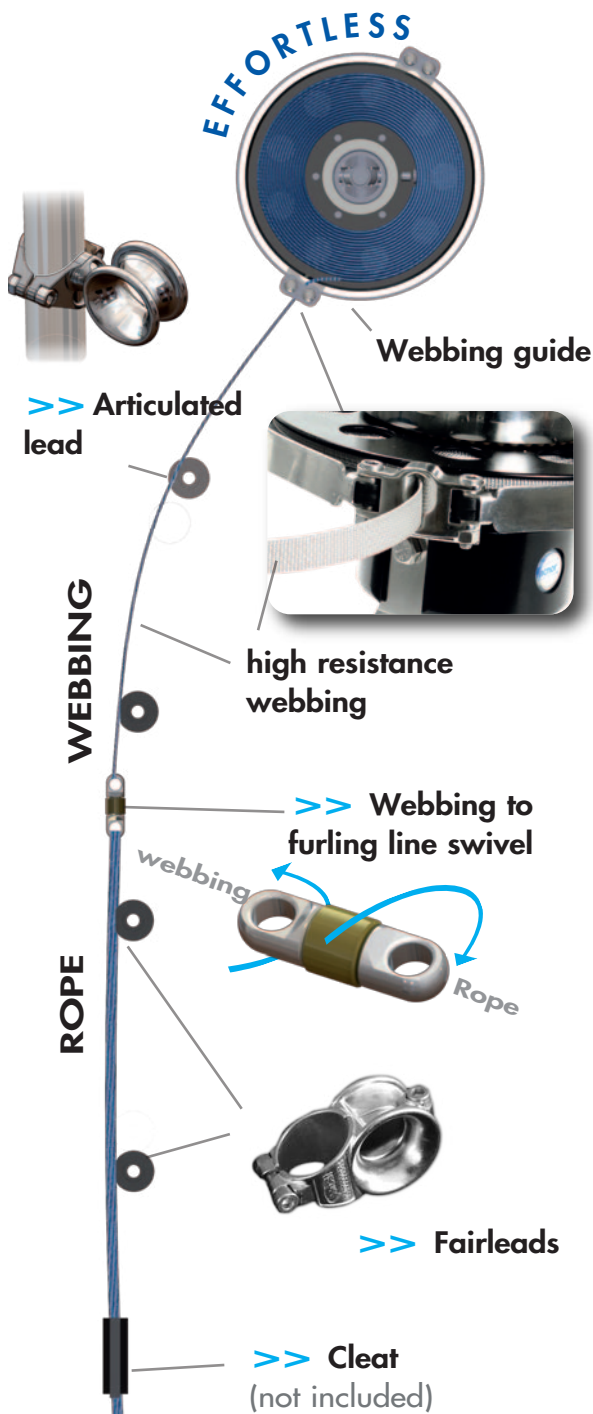
«COMFORT /CRUISING» FD-S RANGE

	FD 90	FD 170	FD 210	FD 280
Boat length (feet-meters)	20' → 26' 5,5 → 8 m	24' → 36' 7,5 → 11 m	29' → 43' 9 → 13 m	38' → 60' 11,5 → 18 m
Section weigh / meter	Rounded sections SX			
	SX 25 577 g	SX 33 658 g	SX 39 914 g	SX 47 1095 g
max. forestay ø (inch & mm)	5/32" 5 mm	1/4" - 9/32"* 6 - 7* mm	5/16" - 3/8"* 8 - 10* mm	1/2" - 9/16"* 12 - 14* mm
Halyard swivel	C 25	C 33	C 39	C 47

*necessary to have removable eye or turnbuckle



EASY INSTALLATION WEBBING & DRUM



> Installation of the furling line kit (included in standard kit)

- furling line swivel
- webbing (from 10 up to 27 m.);
- standard furling line;
- 1 articulated lead + S/S single leads (number according model);



Photo Credit : © Chantier Marée Haute / Django

Webbing fitting :

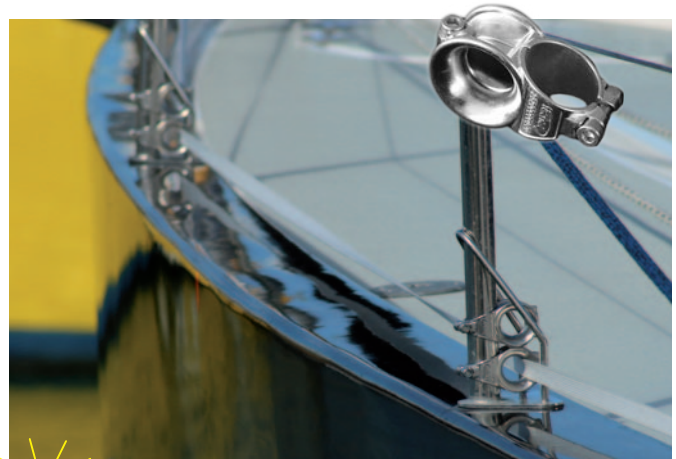
- **efficient and quick installation** : thanks to a complete kit (delivered).
- Furling line circuit : the articulated fairlead and the furling line guide (360° orientation) leaves various possible ways of fittings.
- the F.D. standard kit includes the webbing/furling rope fitted onto the swivel.

Furling system assembly:

- Like LS/RX ranges, the drum fitting depends on the forestay terminal (see page 10).
- You can even change your LS/RX drum for a FlatDeck one with **keeping the existing foil sections**.
- other brands : please contact your agent.

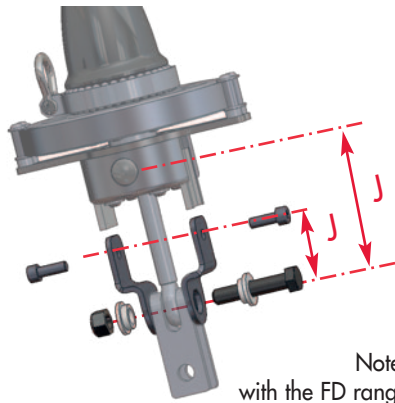
Dimensions: the gain in luff length with low profile FD drum is obvious. To achieve this aim, the base of the drum has been lowered and standard link plates are short (see table against).

Furling line leads: The s-s leads are simply screwed round the stanchion. They have been **specially designed for the free running of the swivel**. The kit includes an articulated lead to be fitted at the first front.

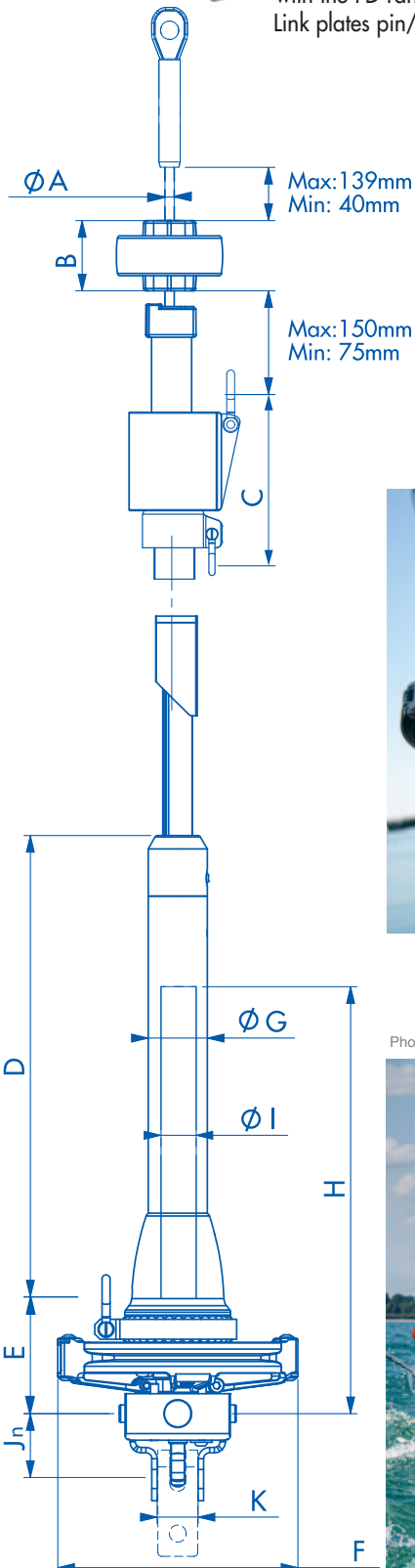


Furling line circuit : Your Facnor agent will suggest you the most adapted solution.

FD LINK PLATES DIMENSIONS



Note :
with the FD range:
Link plates pin/pin
= J



Link plates model			FD 90	FD 170	FD210	FD 280
			FD110	FD190	FD 230	FD310
STANDARD	short link plates kit	J1 (mm)	lgth 48	lgth 66	lgth 77	lgth 77
		thickness	thk 4	<thk 4	thk 5	thk 5
OPTIONS	medium link plates kit	J2 (mm)	lgth 100	lgth 150	lgth 150*	lgth 150*
		thickness	thk 4	thk 4	thk 5	thk 5
	long link plates kit	J3 (mm)	lgth 200	lgth 250	lgth 250*	lgth 250*
		thickness	thk 4	thk 5	thk 6	thk 6

* $\varnothing A < 12$ max.

FD MODELS DIMENSIONS

Measurement s(mm)	FD90 FD110	FD170 FD190	FD210 FD230	FD280 FD310
B	53	53	53	53
C (FDSX)	142	158	175	220
C (FDR)				
D	342	466	466	634
E	88	92	92	105
F	182	232	232	282
G	45	61	61	73
H	332	459	459	632
I	28	42	42	50
J	(See table "link plates" above)			
K	30	40	40	60
\varnothing max turnbuckle	24	38	38	46

H,I = Availabe space for the turnbuckle inside the drum



Photo Credit : © Tobias Stoerkle / Heinrichwerft

