ProFurl

PRO AM
STRUCTURAL FURLERS

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With new spools and new swivels, the PRO AM range is getting bigger and better with the new range of NEX flying sail furlers housing mechanisms. PRO AM is a new generation of structural furlers for 5 to 9.5 metre boats designed for "all or nothing" sailing (with sails fully unfurled). The sail is hoisted and hauled thanks to a second swivel called a "halyard swivel". PRO AM also allows you to strike the sail for wintering, maintenance or just for storage after use.
3 sizes available for 5, 6 and 7 mm diameter stays.

Why choosing PRO AM?

> The ideal system for Day Boats and Sports Boats
> Light and easy to handle
> Sail can be hoisted and lowered
> Possibility to remove easily the halyard swivel only.
> Quick fitting and removal for trailer boats
> Profurl system: maintenance-free components mounted in a sealed grease bath.
> Three-year Profurl worldwide limited warranty.

What's the difference between PRO AM and a classic furler?

Structural

> The stay fastens directly on the spool and the swivel, so PRO AM supports the mast.

All or nothing sailing

> Because it is a structural element, PRO AM allows you to sail with the sail fully unfurled or fully furled. A classic furler with extrusions allows you to sail partially furled.

Efficient

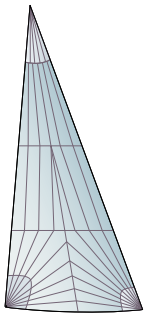
> The PRO AM halyard swivel is fitted with ball bearings to ensure excellent rotation even under heavy loads.
> PRO AM has light and compact components (spool and swivel) and textile fastening systems on the halyard swivel. With no extrusions to increase windage, the sail enjoys superior performance.

PRO AM applications

> Day boats
> Sports boats
> One designs and class boats (J80, Surprise, Dragon...)

Sail types

> Jib, solent mounted on snap hook or sleeve



See technical documents : www.profurl.com

PRO AM: how does it work?

1. Unlike a classic furler, the PRO AM has a halyard swivel (or tensioning swivel) which allows you to hoist and lower the sail.
2. Attachment of the halyard on the halyard swivel
3. The halyard clew of the sail is fastened to the Wichard soft shackle.
4. The head swivel allows the cable to rotate and thus furl the sail.
5. The tack of the sail is fastened to the Wichard shackle.
6. The stay (5, 6 or 7 mm single strand) is fastened to the drum and the swivel at the head
7. The stainless steel toggles are fitted to the boat's deck and mast.

Performance

S-GRIP: Better line grip

The special groove design, allowing for deformation of the line, ensures:

- better line grip, even when wet!
- easier furling
- minimum line wear

OPTIMAL FURLING: Furl without effort

The optimal spool diameter provides ideal torque, which:

- makes furling easier
- reduces effort

XTRA-LIGHT SYSTEMS: Lightness first

The size and weight of each component (spool, swivel, and terminals) have been optimised to:

- improve sailing performance
- ensure easier handling of the systems

Safety

SAFE SYSTEM enables you to stop the running of the furling line during deployment of sail and thus:

- prevent accidents or damage caused by a free running line.
- manoeuvre more quickly and easily
- prevent excessive wear of the line

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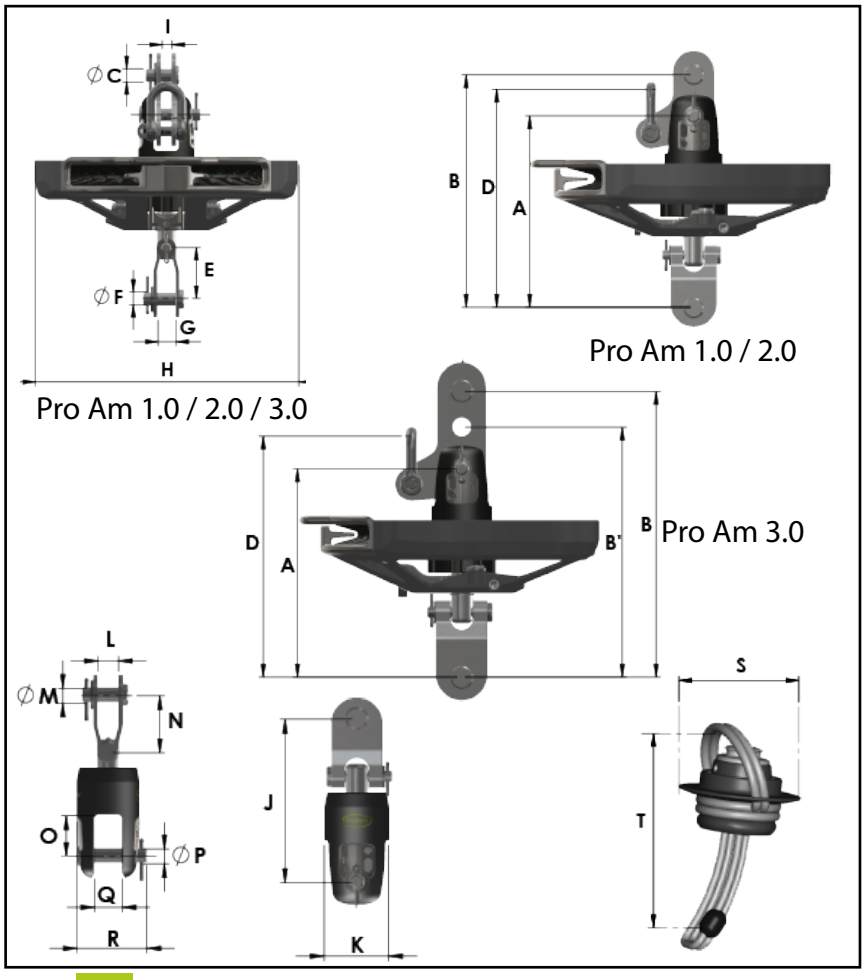
CHOOSE YOUR PRO AM FOR BOATS FROM 5 TO 12M:

	PRO AM 1.0	PRO AM 2.0	PRO AM 3.0
Boat length	from 5 to 7 m	from 7 to 9,5 m	from 9 to 12 m
Forestay diameter	5 mm	6 mm	7 mm
System working load*	1000 Kg	1500 Kg	2000 Kg
Halyard swivel working load	600 Kg	600 Kg	600 Kg
Spool diameter	150 mm	150 mm	150 mm
Pin toggle diameter	8 mm	10 mm	12 mm
Pin eye diameter	8 mm	10 mm	12 mm

*: The spool and swivel working loads take into consideration the stainless steel cable breaking loads used as a forestay.

Technical data: ProAm



Technical data: spool	PRO AM 1.0	PRO AM 2.0	PRO AM 3.0
A mm	112	136.5	142.5
B / B'	136	166.5	171.5 / 196.5
C mm	8	10	12
D mm	126	156.5	163.5
E mm	31	39,5	45,5
F mm	8	10	12
G mm	11	14	15
H mm	160	160	160
I mm	6	10	10
Ø spool : mm	150	150	150
Ø furling line mm	Ø8	Ø8	Ø8
Weight: spool (only) Kg	0.700	0.960	1,100

Swivel	PRO AM 1.0	PRO AM 2.0	PRO AM 3.0
J mm	87,2	107,8	113,8
K mm	34	42	42
L mm	11	14	15
Ø M mm	8	10	12
N mm	31	39,5	45,5
O mm	22	26	26
Ø P mm	8	10	12
Q mm	15	18	18
R mm	38	46,5	46,5
Swivel weight Kg	0.200	0.390	0.460
Halyard swivel			
L mm	70	70	70
M mm	129	129	129
Halyard swivel weight (only) Kg	0,150	0,150	0.150

See technical documents : www.profurl.com