

### PRO AM

#### STRUCTURAL FURLERS

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.



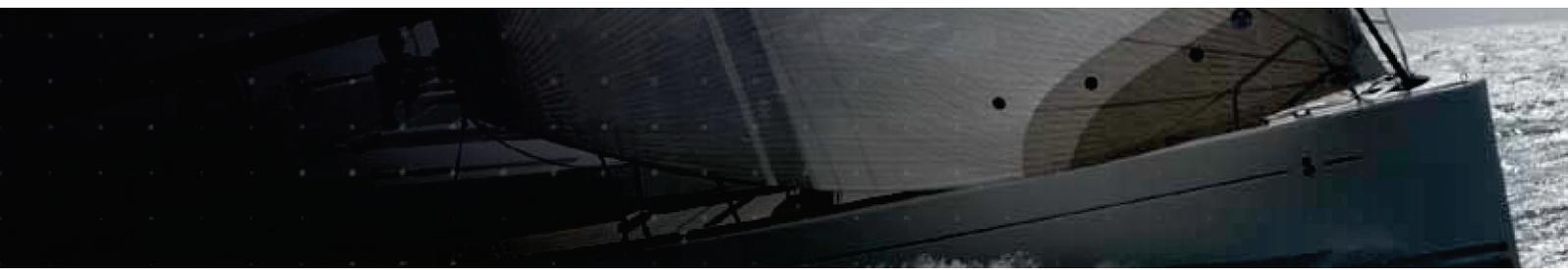
Wichard textile fastening system

### PRO AM applications

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

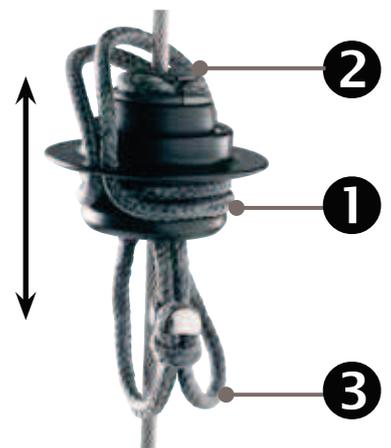
### Sail types

- > Jib, solent mounted on snap hook or sleeve



## 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



#### SMART LOCK: Wire lock (only on fork models)

- Wire locking system completely integrated into the drum mechanism
- No need to use a lanyard.
- No risk of jamming caused by adjacent lines.
- Keeps the pin free to turn (no strain).
- Locking indicator on the pin.

# PRO AM

## STRUCTURAL FURLERS

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

	PRO AM 1.0	PRO AM 2.0	PRO AM 3.0
<b>Boat length</b>	from 5 to 7 m	from 7 to 9,5 m	from 9 to 12 m
<b>Forestay diameter</b>	5 mm	6 mm	7 mm
<b>System working load*</b>	1000 Kg	2000 Kg	2000 Kg
<b>Halyard swivel working load</b>	600 Kg	600 Kg	600 Kg
<b>Spool diameter</b>	120 mm	150 mm	150 mm
<b>Pin toggle diameter</b>	8 mm	10 mm	12 mm
<b>Pin eye diameter</b>	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.



### Frequent questions: structural furlers

#### Is my PRO AM structural furler a forestay?

Yes the PRO AM furler is "structural" which means that, combined with the stainless steel cable, it acts as a forestay.

#### What types of sail can be used with PRO AM ?

Foresails (genoa, solent) bent on with snap hooks.

#### Can I lower a sail once it has been fitted?

Yes, thanks to the halyard swivel you can hoist and lower the sail whenever you need to (for storage, wintering, maintenance, etc.).

#### How do I use PRO AM?

PRO AM is to be used for sails that are fully unfurled. Partial furling of the sail is not possible with this type of system.

#### Can I remove PRO AM easily?

Yes PRO AM can be removed easily, for example, when you have to put your boat on a trailer

#### Is the stay fastened to the system securely?

Yes, PRO AM features Smart Lock which ensures that the cable is locked to the system and prevents any accidental removal.

#### Is my PRO AM guaranteed ?

Yes, all PRO AM structural furlers come with a 3 year international guarantee.

See comparison table on page 7

See technical documents from page 60