

Let your rig do the hard work



Simple

You hoist the sail just once a season, so a small crew can manage a much larger boat.

Easy

A Seldén furling mast makes it easy to unroll and set your mainsail. Rolling it in is just as quick and easy. As your sail is neatly stowed out of the way the instant it is rolled in, you have a clear view when manoeuvring under power.



Safe

You can set your sail to suit the weather conditions, from the safety of the cockpit.

Efficient

By furling the sail vertically into the mast, you don't have to furl very much to get a substantial decrease of the sail area.



Well balanced

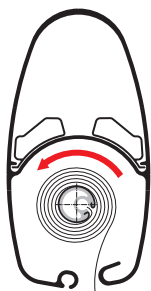
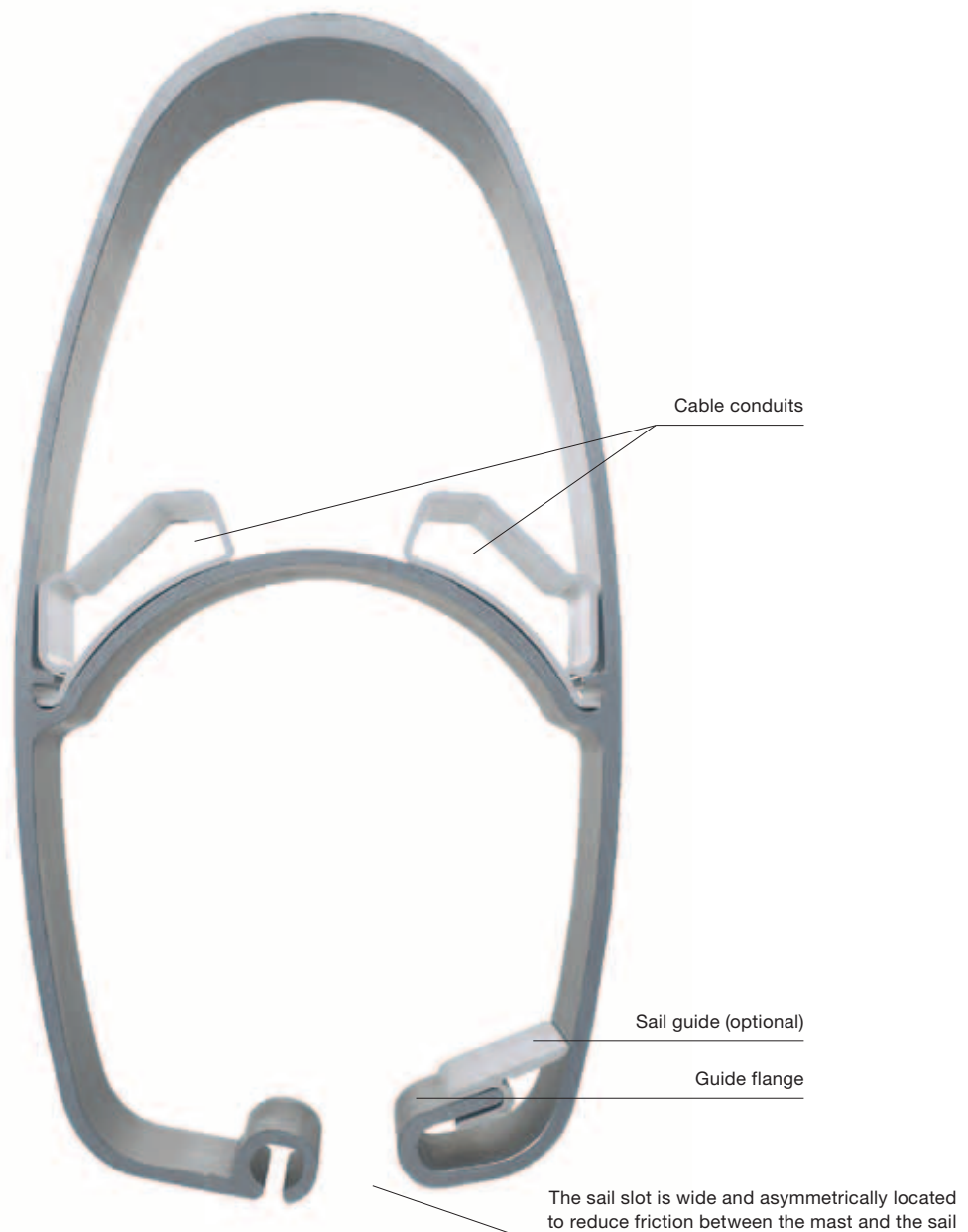
There are no fixed reef points, so the number of combinations between furling genoa and main are unlimited.

More enjoyable

Due to the easy handling, with a furling mast you will do more sailing and less motoring.

Vertical battens allow for a positive roach on the furling mainsail. A fine combination of performance and convenience.





Cross-section of a Seldén furling mast.

The Seldén furling principle

The wide sail slot allows for vertical battens and a positive roach of the main sail. The actual sail slot is placed asymmetrically to reduce furling resistance and to lead the sail straight on to the internal luff extrusion.

The furling system is based on Seldén's proven technology. Geared line driver winch, tensioned luff extrusion, asymmetrically located sail slot and the patented load distributor of the halyard swivel. All to make furling an easy and fast operation. The Seldén furling masts come with twin cable conduits, enabling the cables to run freely and well protected from all running rigging. The cable conduits also facilitate cable replacement.



● **Easy to operate**

There is an outhaul line for rolling out the sail, and an endless line for rolling it in. It's as simple as it sounds. Or if you wish, you can operate the sail at the mast using a winch handle. The geared reefing winch mechanism runs on ball bearings, so it takes little effort to roll in the sail. Greasing holes in the mast facilitate maintenance.

● **Accessible**

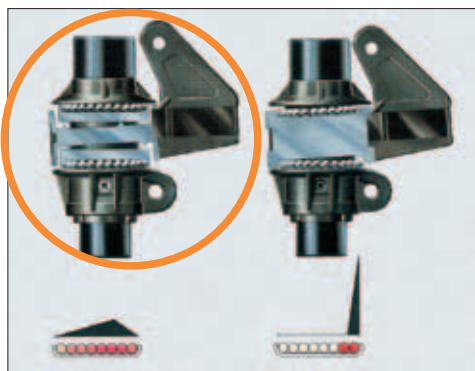
Two oval holes on the port side of the mast allow for easy access to the tack attachment, sail feed, tensioning screw and halyard swivel. Just remove the composite covers and the rest speaks for itself. You can inspect the halyard swivel and carry out annual maintenance through the upper access hole.

● **Absorbs all sail forces**

The outhaul cars are fitted with horizontal and vertical wheels, enabling them to absorb forces from every direction.

● **Turning block for control lines**

Turning blocks at the base of the mast are designed to enable the ready-spliced, endless line to be easily threaded into position. Seldén deck blocks have the same feature.



The Seldén load distributor prevents...

... point loading!

Seldén's unique load distributor

The furling mechanism rotates easily even under high load. This is largely due to the unique bearing system in the halyard swivel, which was originally developed for the Furlex jib furling system. The cleverly designed load distributor has three fulcrums, distributing the load over the entire bearing race and all the bearings, rather than over small areas of the race.



Asymmetric sail slot wide enough for vertical battens. Extra long guide flange. Optional sail guide for sails with horizontal battens.

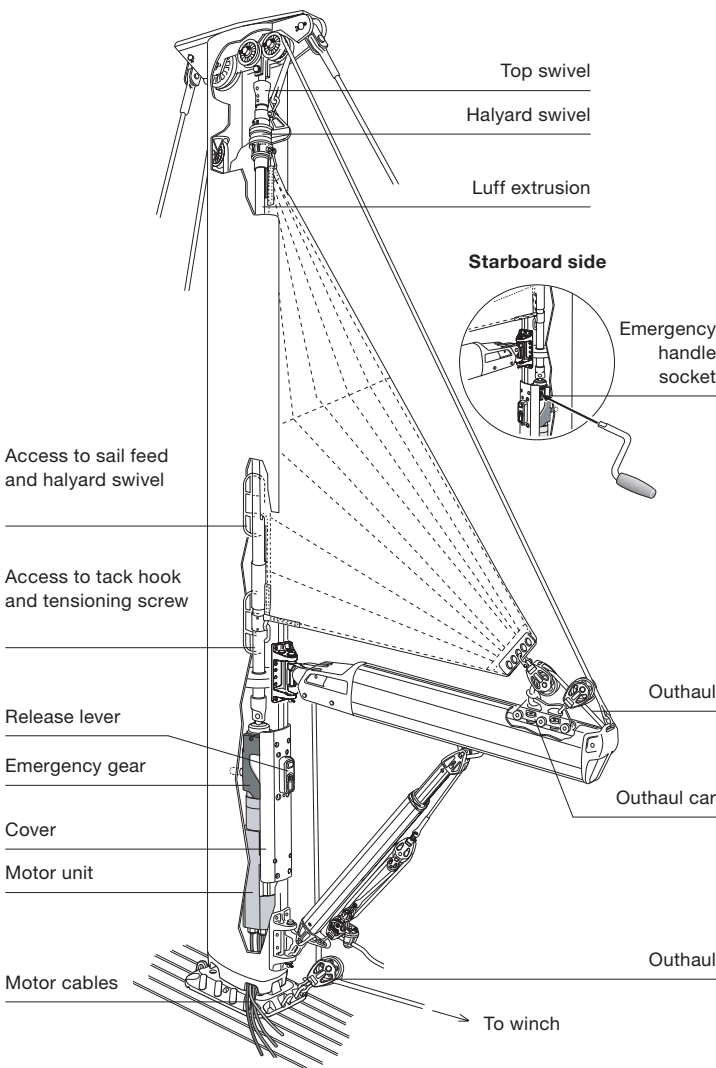


The Seldén furling masts come with twin cable conduits, enabling the cables to run freely and well protected from all running rigging.

Electric cruise control

New mast or retro-fit

Is your deck layout giving you a hard time leading a furling line back to the cockpit? Are you fed up with operating your furling mast with a winch handle at the mast? Upgrade with electric drive and stay in the safety of the cockpit. Seldén electric furling is available as a retro fit kit for manual furling masts or custom built for new Seldén furling masts.



- Completely built-in.
- Operated from the safety of the cockpit.
- Planetary gear with permanently set brake. Released only when the motor is running.
- Drive release for emergency furling.
- Control box with factory-set rotation speed and maximum torque. Current cuts out at maximum torque and is automatically reconnected after two seconds. Prevents overloading.
- Asymmetric and tensioned luff extrusion in combination with stainless steel ball bearings with load distributor makes for low furling resistance.
- Wide sail slot allows for vertical battens and positive roach.
- Retro-fits to manually operated furling mast.

Technical information

Mast section	Type	Model Voltage	E _{max} mm	Speed rpm	Max running torque, Nm	Required cable, mm ² (between battery and control box)		Fuse (A) 12V / 24V
						< 8 m 12V / 24V	> 8 m 12V / 24V	
F228	RB	12	4900	38-40	150	25 / -	35 / -	125 / -
F246			5400					
F265			6000					
F286	RC	12 / 24	5800		230	35 / 25	50 / 35	160 / 125
F305			6300					
F324			6700					
			7000					

Emergency handle (1/2" socket),
Length: 100 mm, Art. No. 533-922
(incl. in retro-fit kit).
Length: 325 mm, Art. No. 533-923
(used when a winch is in conflict with
the handle).

Junction box, Art. No. 532-300-02.

Switches: Green (out), Art. No. 540-459-02,
Red (in), Art. No. 540-460-02,

Stainless panel (dim 100 x 56 x 3 mm),
Art. No. 540-462-01 is optional.

Control box, Art. No. 532-505.

Separate remote control hand unit,
Art. No. 532-460-12.

4-function receiver box for remote
control, Art. No. 532-466-10.



**Complete upgrading kit.
Retro-fits to your manually operated
furling mast.**

Retro-fit installation kits

Cables for installation below deck

(from mast to control pack)

Art. No.	Area, mm ²	Length, m
531-026-03	16	3
531-026-04	16	4
531-026-05	16	5
531-026-06	16	6
531-026-07	16	7
531-026-08	16	8
531-026-09	16	9
531-026-10	16	10
531-029-03	25	3
531-029-04	25	4
531-029-05	25	5
531-029-06	25	6
531-029-07	25	7
531-029-08	25	8
531-029-09	25	9
531-029-10	25	10

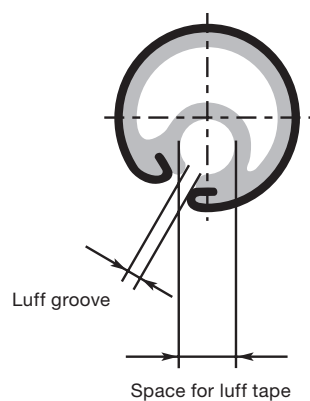
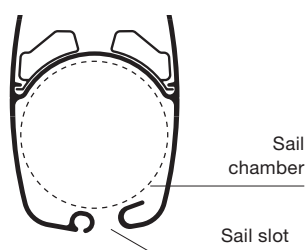
Mast section (max bom section)	Model		Kit Art. No.	Control pack	
	Type	Voltage		Incl. switches	Excl. switches
R232 (B143, B171)	RB	12	532-501-30	532-505-11	532-505-12
R232 (B200, B250)	RB	12	532-501-29	532-505-11	532-505-12
R260 (B143, B171)	RB	12	532-501-32	532-505-11	532-505-12
R260 (B200, B250)	RB	12	532-501-31	532-505-11	532-505-12
R290 (B143, B171)	RC	12	532-502-31	532-505-21	505-505-22
		24	532-503-31	532-505-31	505-505-32
R290 (B200, B250)	RC	12	532-502-30	532-505-21	505-505-22
		24	532-503-30	532-505-31	505-505-32
R324	RC	12	532-502-23	532-505-21	505-505-22
		24	532-503-23	532-505-31	505-505-32
R228	RB	12	532-501-20	532-505-11	532-505-12
F246	RB	12	532-501-21	532-505-11	532-505-12
F265	RB	12	532-501-22	532-505-11	532-505-12
F265	RC	12	532-502-20	532-505-21	505-505-22
		24	532-503-20	532-505-31	505-505-32
F286	RC	12	532-502-21	532-505-21	505-505-22
		24	532-503-21	532-505-31	505-505-32
F305	RC	12	532-502-22	532-505-21	505-505-22
		24	532-503-22	532-505-31	505-505-32
F324	RC	12	532-502-24	532-505-21	505-505-22
		24	532-503-24	532-505-31	505-505-32
F324	RD	N/A			

* Includes control box, junction box, lubricating grease, instructions and switches.
For more information please see our instructions for installation, www.seldenmast.com



Seldén furling mast specifications

Mast section	Type	Sail chamber dia., mm	Sail slot mm	Max foot length E, mm	Drive options			Gear ratio manual drive	Diameter mm	Luff groove mm	Max space for luff tape dia., mm
					Manual	Hydraulic	Electric (Voltage)				
F176	RA	85	15±3	3750	X			1.75:1	25	2.75 ± 0,25	6
F194	RA	93		4200	X						
F212	RA	100		4500	X						
	RB			4400	X		2:1	30	3.25 ± 0,35	8	
F228	RA	108		5000	X			1.75:1	25	2.75 ± 0,25	6
	RB			4900	X		X (12)	2:1	30	3.25 ± 0,35	8
F246	RB	114	5400	X	X	X (12)	2:1	30	3.25 ± 0,35	8	
F265	RB	123	6000	X	X	X (12)					
	RC		5800	X	X	X (12/24)					
F286	RB	133	6500	X	X						
	RC		6300	X	X	X (12/24)					
F305	RB	141	6900	X	X						
	RC		6700	X	X	X (12/24)					
	RD		6000		X	-					58
F324	RC	154	15±3	7000		X	X (12/24)	2:1	38	3.25 ± 0,25	10
F370	RD	171	22±3	7500		X		-	58		
F406	RD	190	24±3	9500		X					



Covers and plugs

	Description	Art. No.
	Cover for access to sail-feeder and tack attachment. 57 x 126 mm. F194-F246.	540-026
	Cover for access to sail-feeder and tack attachment. 72 x 207 mm. F265-F406.	540-120
	Grease hole cover, Ø 44 mm.	319-609