

Seldén CX 40

Gennaker/Code 0 Furler

Basic Fitting and Operation

Max working load 40kN.

The system is suitable for Gennakers and Code Zero sails.

Line driver is made from die cast aluminium. The design ensures a good grip on the endless line, yet allows the line to be easily disengaged when unrolling.

Unrolling the sail

The typical deployment sequence is to slacken the endless line completely, then pull on the sheet. The system will rotate freely with minimal friction and the sail fully unroll. If a more controlled deployment is desired, it is essential that the forward loop is kept in contact with the line-driver teeth. The technique is, first identify which part of the line will be pulled forwards by the unrolling sail. Take a turn of this line round a winch, and keep the other side of the line in hand. As another crew member pulls on the sheet, carefully allow the line around the winch to ease out. At the same time, take in the slack generated in the other line. If this is not done, the loop will not remain in full contact with the linedriver teeth, and allow the sail to unroll at high speed. This slower unrolling method is not guaranteed, as it depends on good crew technique. Once the system does start to unroll at speed, do not attempt to use the endless line as a brake.



Rolling the sail

When rolling the sail, the forward loop must stay in contact with the linedriver teeth. Keep some tension in the line being pulled forwards by allowing it to slowly slip through a crew's hand.

1. Fitting the endless line

The sail must be disconnected from the system

1.1 Assembly

1. Pull on the red lanyard and remove the wedge-shaped divider. Rotate the system so that notches in the stainless steel line guard and the linedriver are aligned (fig 1.1a).
2. Feed the endless line through the line guide and up through the central notch. (fig 1.1b).
3. Holding one side of the endless line in the linedriver notch, rotate it with the linedriver for a complete circle. Check that the line remains in the linedriver notch throughout the operation. It is normal for the line to be compressed slightly during this process.
4. Remove any twists or kinks in the endless line, then refit the divider wedge.

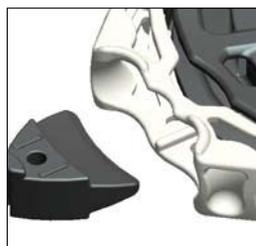


Fig. 1.1a

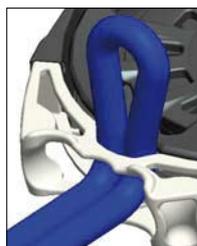


Fig. 1.1b



Fig. 1.1c



Fig. 1.1d

1.2 Removing the endless line

The method is a reverse of the fitting sequence.

2. Line Guide

To allow minimal deflection of the endless line as it enters the linedriver, the line guide can be adjusted through 360 degrees in 15 steps. To adjust the angle, loosen the lock screw B by a few turns, rotate the bracket to the desired position. Push the line guide upwards, apply locking adhesive and retighten the screw. If no satisfactory position is found, loosen the shackle and rotate the system 180°. Alternative lock screw positions are now available.

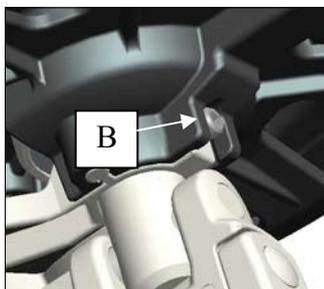


Fig. 2a

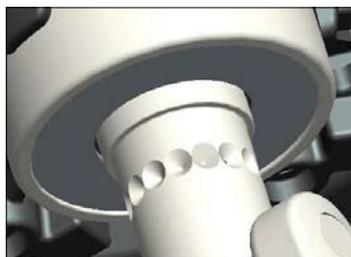


Fig. 2b

3. Pin Removal

To release the pins for head and tack, pull on the locking spring's red lanyard. This releases the lock, allowing the pin to be removed.



Fig. 3

4. General

The recommended endless line is 12 mm diameter 16/16 braid/braid polyester. Seldén can provide pre-spliced endless lines in a variety of lengths. For normal operation, the endless line is led aft to the cockpit. Alternatively, a short endless line can be operated on the foredeck.

A longer endless line will operate more effectively, as the residual friction in the line being pulled forward will assist full engagement in the linedriver.

CX 25 has sealed and maintenance-free bearings. Just rinse the system with fresh water, let it dry and store in the boat preferably together with the sail.



www.seldenmast.com