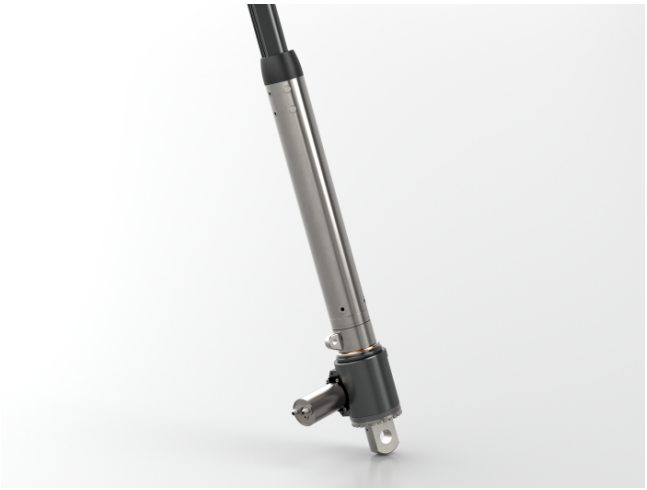
UD-3C



power supply	hydraulic
attachment of the sail	with profile
max. headstay length	36 m
forestay (rod size)	-40, -48, -60
ø forestay (wire)	12 mm, 14 mm, 16 mm
aluminium profiles	R40, R50, R5
carbon profiles	S3, S4, S4.5
stroke stay adjuster	80 mm
mwl stay	13,50 t
mwl tack ring	2 t
mwl tack ring HL (opt.)	12 t
max. oil flow motor	17 l/min
max. pressure motor	100 bar
place of installation	chain plate below deck
weight	18 kg
A	246 mm
B	122 mm
H	209 mm
L	250 mm

Hydraulic furling system for below-deck installation

for chainplate connection through deck cut-out

The Reckmann **UD-C** is a hydraulic furling system designed for installations with a chainplate connection below deck. The drive unit, gearing and mechanics are located completely below deck, while the forestay is led through a deck opening to the furling system above.

The **UD-C** system is available in different variants and offers the following key features:

- compact system size
- integrated turnbuckle for forestay length adjustment
- excellent performance-to-weight ratio
- suitable for various types of headstays
- forestay connection above deck level
- compatible with carbon and aluminium foils
- reliable backup system, easy and safe to operate from deck level

The **UD-C** version is designed for **recessed installation** and connects directly to a **chainplate below deck**, through a deck cut-out. Compared to the UD-CDF variant with deck flange, this solution offers a simpler installation concept and is ideally suited for yachts where the chainplate is positioned *close* below deck level.

The **integrated turnbuckle** is designed as a Dockside Adjuster and allows precise adjustment of forestay length, rig trim and mast rake while the yacht is docked. It is housed inside the torque tube and can be accessed and adjusted from the outside using simple tools.

The UD-C combines a clean deck layout with fully below-deck mechanics and a direct structural load path via the chainplate: A robust and technically elegant solution for yachts with under-deck chainplate arrangements.

Features



Emergency Manual Backup

The unique manual drive ensures the greatest possible level of security. By simply inserting a standard winch handle, the electric drive will disconnect and switch to manual operation. Due to this special gear mechanism that prevents sail forces from transferring to the winch handle, the reefing system can be safely and easily operated, even when in manual mode.



Halyard Swivel FS

The Reckmann high-performance halyard swivels turn with extremely low amounts of friction, thereby guaranteeing a secure operation without twisting the halyard. The compact design and size graduation ensure a low weight aloft.

Find out more about the Reckmann Halyard Swivel FS.



Tack Slider

The tack slider or floating tack swivel allows the sail luff to be tensioned independently of the stay. This is a necessary addition, specifically with sails that have a halyard lock.

Find out more about the Reckmann Tack Slider TKS.

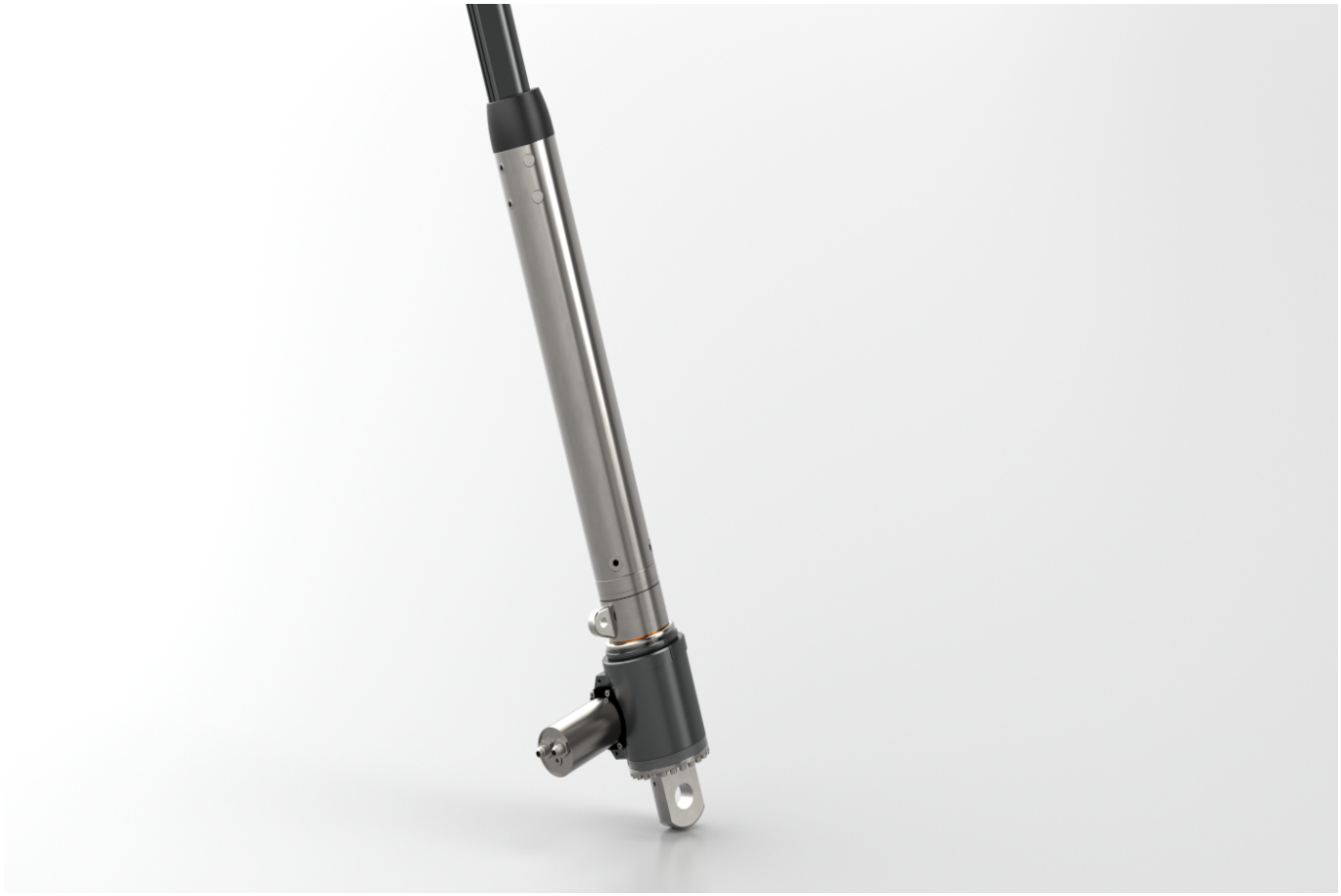
Features



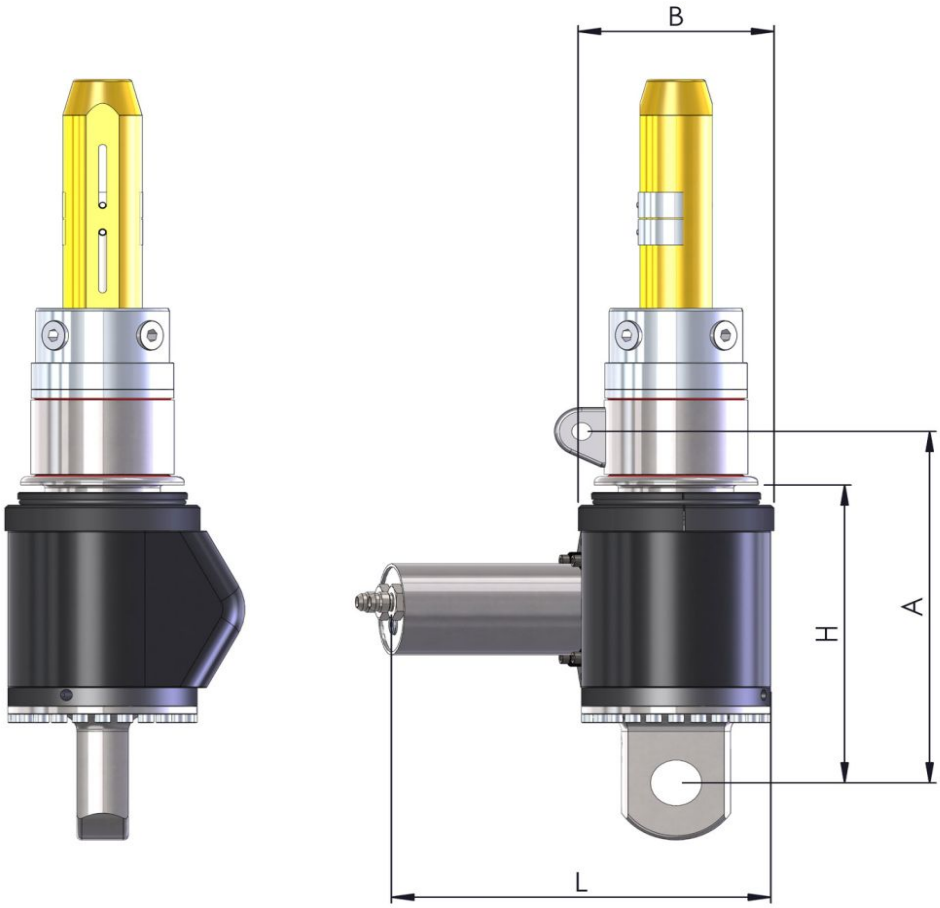
Carbon Foils

Our carbon profiles offer high resistance and low weight at the same time. A weight reduction of 50-60 % in comparison with conventional aluminium profiles means that there is a significant improvement in performance.

Find out more about the Reckmann carbon profiles.



UD-C – Hydraulic furling system for installation on the chain plate



Dimensions UD-C – see table for more information