UD-3.5SC TB



power supply	hydraulic
attachment of the sail	with profile
max. headstay length	36 m
forestay (rod size)	-60, -76
ø forestay (wire)	16 mm, 19 mm
aluminium profiles	R5
carbon profiles	S4.5
stroke stay adjuster	80 mm
mwl stay	15 t
mwl tack ring	2 t
mwl tack ring HL (opt.)	4 t
mwl tack slider HL (opt.)	6 t
max. oil flow motor	35 l/min
max. pressure motor	140 bar
max. speed	40 U/min
max. drive torque	662 Nm
place of installation	in-deck (structural)
weight	60 kg
B	244 mm
H	246 mm
L	278 mm
O	340 mm
T	40 mm

Hydraulic below-deck furling system

Installation: in deck (structural)
Forestay adjuster: turnbuckle

The Reckmann **UD-SC** is a deck-integrated hydraulic furling system. While the drive unit, gearing and mechanics are located completely below deck, the system does not use a chainplate connection. Instead, the furling unit is **integrated into a reinforced deck structure** and transfers all forestay and tack loads directly into it.

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

- compact system size

- integrated turnbuckle (TB)
- special spherical bearing mechanism (SC) to compensate for angle changes caused by forestay sag
- excellent performance-to-weight ratio
- suitable for all 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-SCTB** is equipped with an **integrated turnbuckle**. The turnbuckle is housed inside the torque tube and can be accessed and adjusted from the outside above deck level. This allows precise adjustment of forestay length, rig trim and mast rake while the yacht is docked, without disassembly and without changing the position of the furling system.

The UD-SCTB combines a clean, deck-integrated installation with fully under-deck mechanics and proven Reckmann trimming functionality, a robust and elegant solution for yachts with reinforced deck structures and demanding rig requirements.

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.

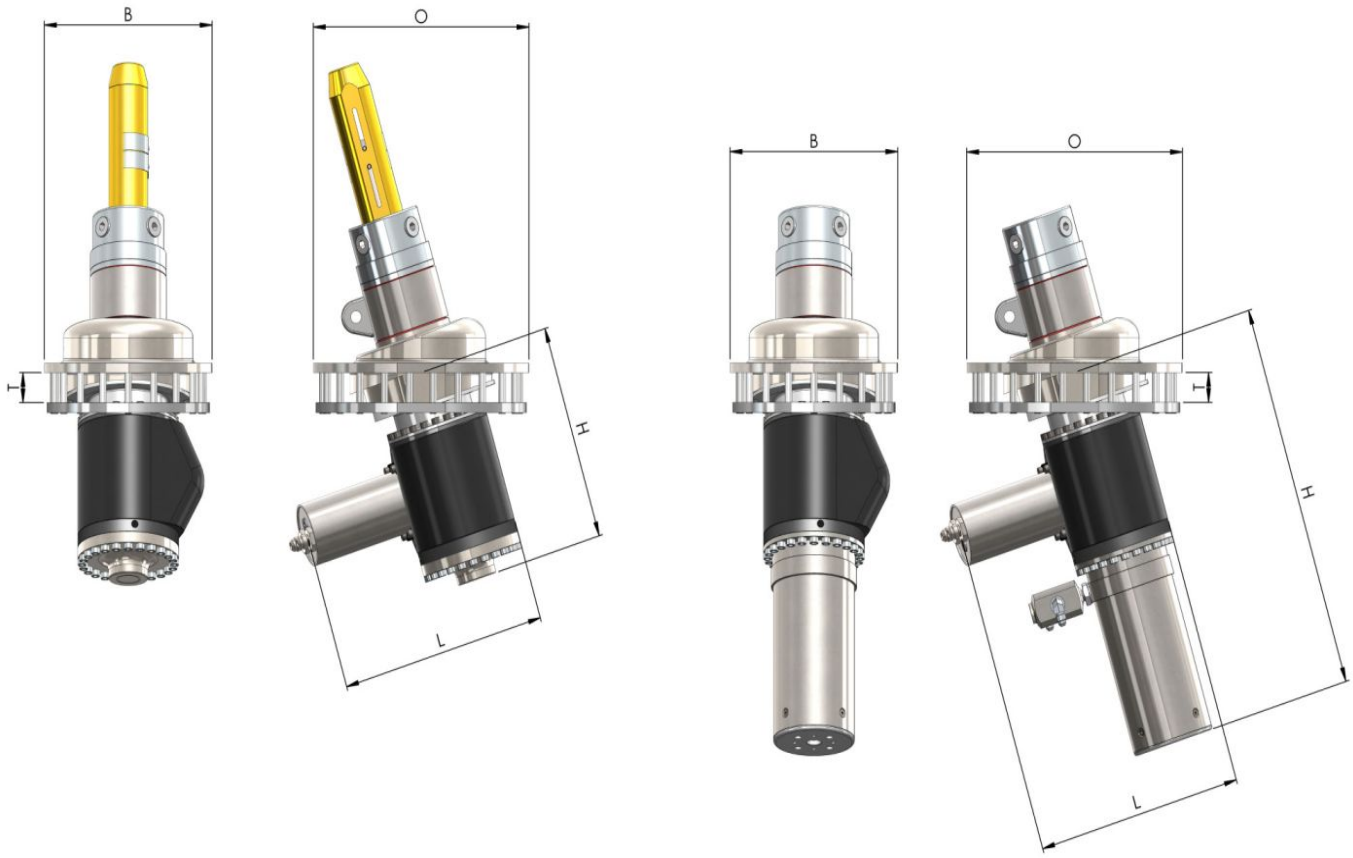
Find out more about the Reckmann carbon profiles.



UD-SC TB – Hydraulic furling system for below-deck installation



UD-SC TB with Tack Slider – Hydraulic furling system for below-deck installation



Dimensions UD-SC TB – see table for more information