UD-3SCE RT



power supply	electric
attachment of the sail	with profile
max. headstay length	36 m
forestay (rod size)	-60
ø forestay (wire)	16 mm
aluminium profiles	R40, R50, R5
carbon profiles	S3, S4, S4.5
stroke stay adjuster	100 mm
mwl tack ring	2 t
mwl tack ring HL (opt.)	12 t
pulling force RT-adjuster	12 t @ 250 bar
max. speed	36 U/min
max. drive torque	178 Nm
voltage	24 V
place of installation	in-deck (structural)
weight	30,70 kg
B	196 mm
H	389 mm
L	409 mm
O	382 mm
T	30 mm

Electric hydraulic below-deck furling system

Installation: In-deck (structural)
Forestay adjuster: Real-Time adjuster

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

- compact system size
- integrated ram to tension the stay relative to the foils (RT)
- 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-SCERT** is equipped with a **Real-Time Adjuster (RT)** that allows the forestay tension to be actively changed *while* sailing. The system features an **integrated hydraulic adjustment ram** that takes the full forestay load and enables precise control of rig tension under changing conditions. A PO check valve isolates the hydraulic adjuster from the supply lines when not operated. This ensures a stiff load path and consistent rig behaviour.

An **ultrasonic sensor** can be integrated to provide real-time information about the position of the adjuster piston. This allows the crew to monitor the current adjustment state of the forestay precisely and reproducibly.

The **UD-SCERT** combines a clean, deck-integrated installation with fully under-deck mechanics and advanced real-time trimming capability – a high-performance solution for yachts with reinforced deck structures and demanding rig requirements.

Features



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.

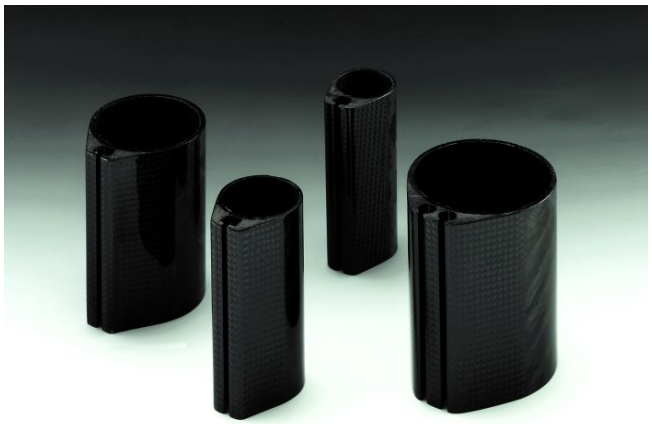
Find out more about the Reckmann Halyard Swivel FS.



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.



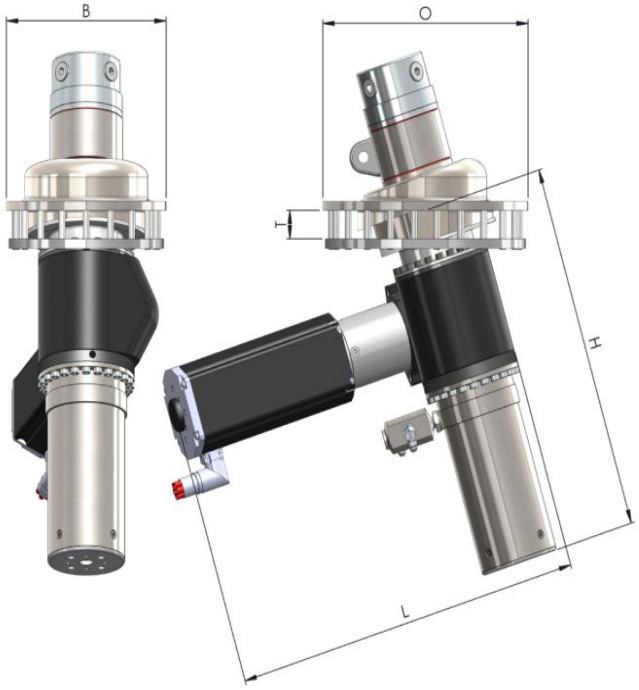
Carbon Foils

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-SCE RT – Electric furling system with rt-adjuster for installation in deck



Dimensions UD-SCE RT – see table for more information