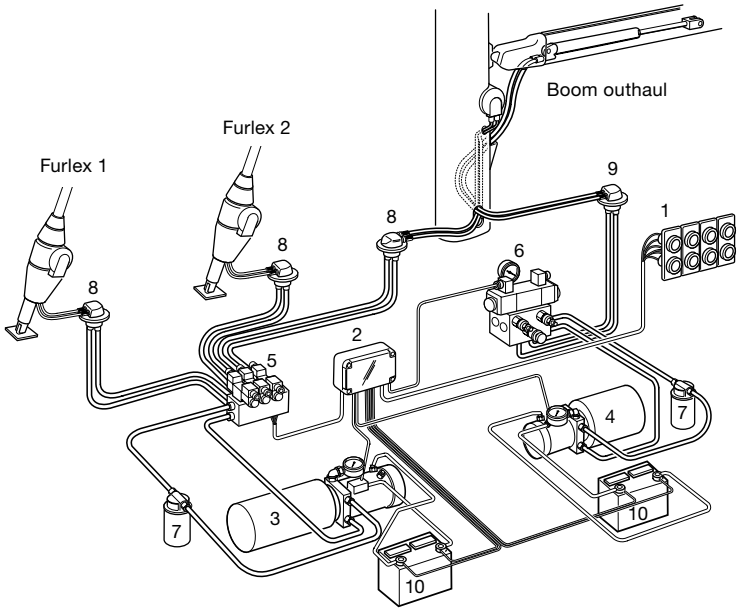
Hydraulic cruise control

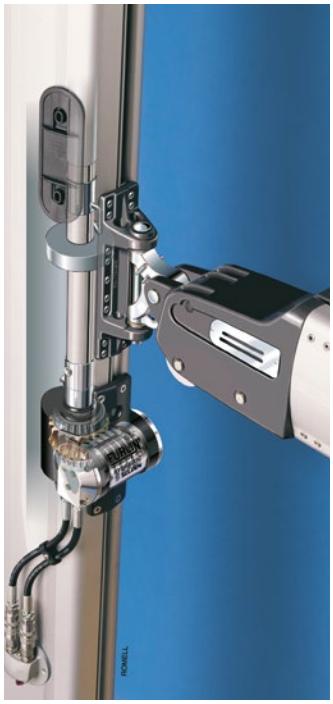
Seldén's hydraulic furling system for mainsail and foresail are:

- Furlex Hydraulic for headsails
- Hydraulic furling mast
- Hydraulic outhaul

The picture to the right shows the principle of a hydraulic system with hydraulic pump, valve units and drive units, all connected by hydraulic hosing. The system is operated from the cockpit by control switches connected to the system through a control box.



1. *Control buttons*
2. *Control box*
3. *Pump unit, furling mast + Furlex*
4. *Pump unit, outhaul*
5. *Valve unit, furling mast + Furlex*
6. *Valve unit, outhaul*
7. *Filter*
8. *Deck gland, furling mast + Furlex*
9. *Deck gland, outhaul*
10. *Battery*



Långedrag 501 equipped with Seldén hydraulic furling mast, hydraulic outhaul and double hydraulic Furlex jib-reefing systems.

Sailing from the cockpit at the press of a button

A powered furling mast enables you to reef, furl and trim the sail area to suit the wind conditions at the touch of a button. The patented, built-in motor has a direct drive to the worm gear, to keep moving parts to a minimum and increase power, efficiency and reliability. The worm gear, which is self-braking, locks the sail in the required position. In an emergency, the mainsail can also be manually furled and unfurled with an ordinary winch handle.

Hydraulic clew outhaul – the ultimate control

The push-button controls in the cockpit give you complete command of your mainsail. You can also trim the outhaul when sailing close hauled – a task which would ordinarily require the full strength of a crew member using a manual winch. Furthermore, there is no clew outhaul line to clutter up the cockpit.

Booms available for hydraulic outhaul.

B200, B250, B290 and B380

Specifications of hydraulic motors

Model	Motor designation	Max. torque at max. pressure, Nm	Nominal speed luff extrusion (n), rpm	Nominal oil flow (Q), l/min	Nominal oil pressure (p), bar	Max. oil pressure (p), bar	Rec. min. power hydraulic pack (P) kW	Max. sail area m^2
Type RB	OML 12.5	158	40	10	40	120	1.5	60
Type RC	OML 12.5	158	40	10	40	140	2.0	60
Type RD	OML 12.5	158	40	10	40	140	3.0	80
Type RD	OML 20.0	230	40	20	40	140	4.0	120
Type RD Built-in	OML 20.0	255	40	20	40	140	3.0	120