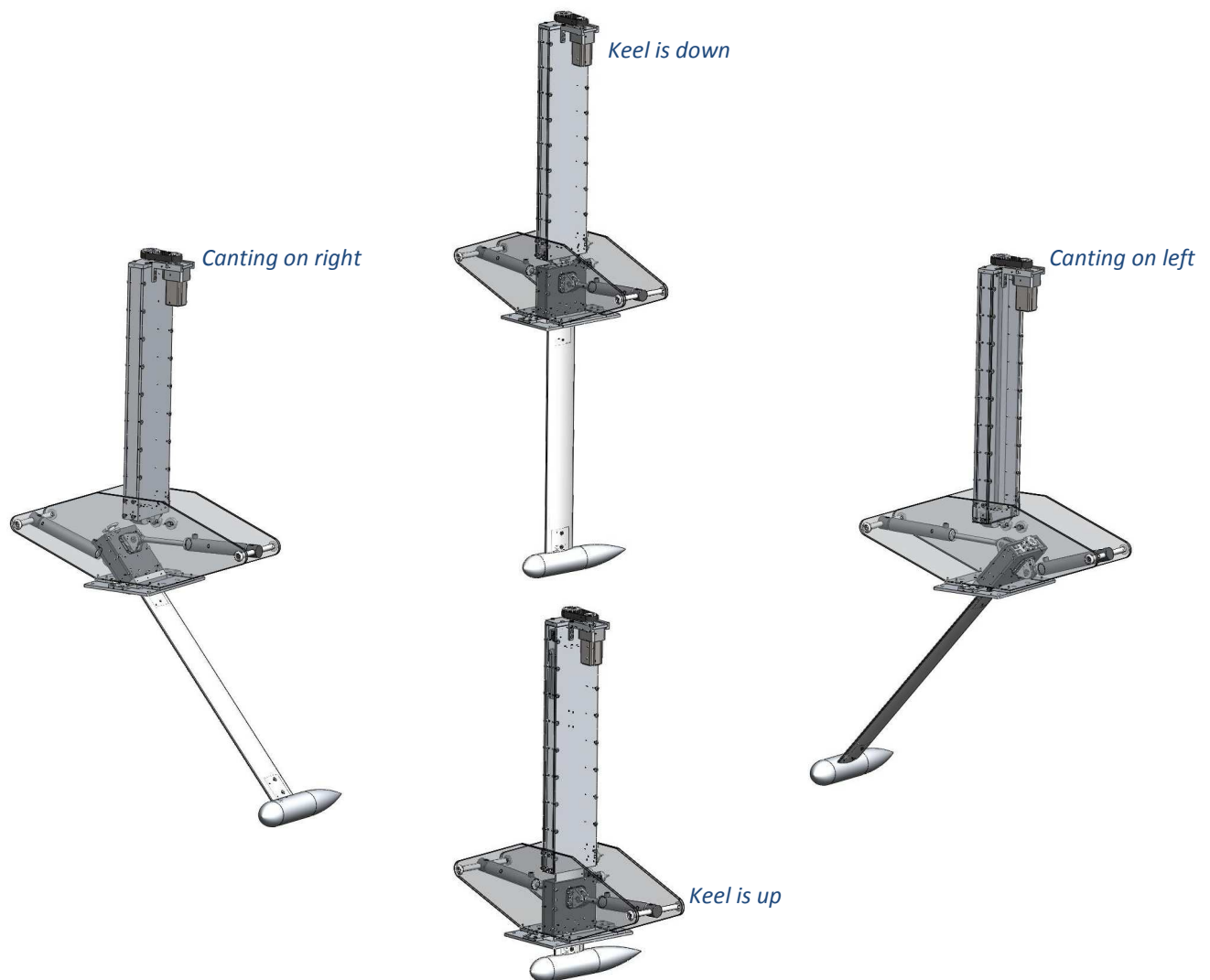


Canting & lifting keel mechanism

For superb sailing possibilities and safe manoeuvring during sailing and in harbour Le-tehnika has developed unique canting and lifting keel mechanism which result in:

- Lighter keel bulb
- Flater sink of the boat during sailing
- Fast sailing
- Good manoeuvring during sailing
- Possibilities of anchoring also in not so deep harbours

Movement of canting& lifting keel mechanism:



With help of 2 cylinders we can cant the keel for 40° left and 40° right. Hydraulic motor through spindle enables to lift the keel for desired length. Set of sensors ensure that canting of keel is allowed only when keel is fully down. Another set of sensors ensure that lifting of keel is allowed only when the keel is in fully horizontal position.

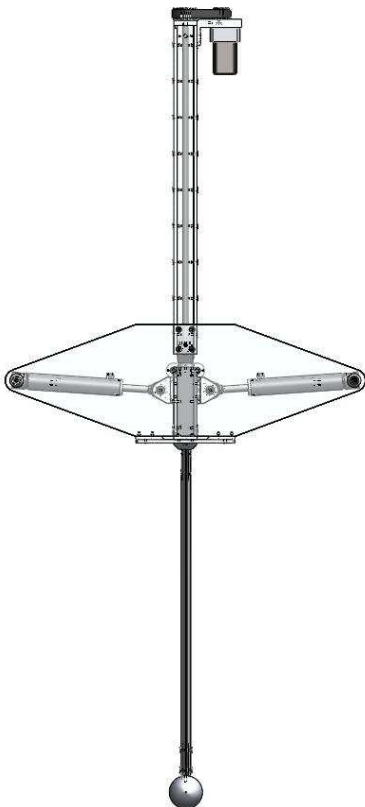


Hydraulics for nautics

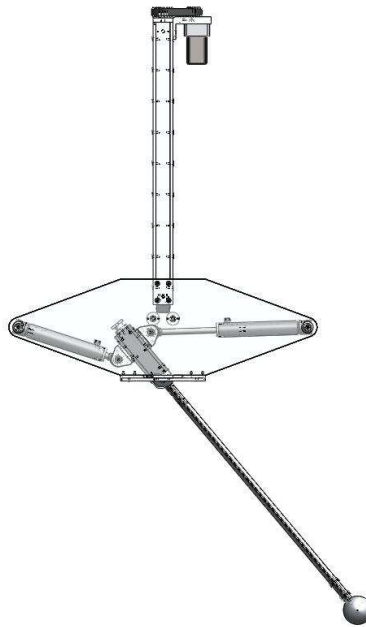


Lifting & canting keel mechanism can be connected electronically to cockpit control panel.

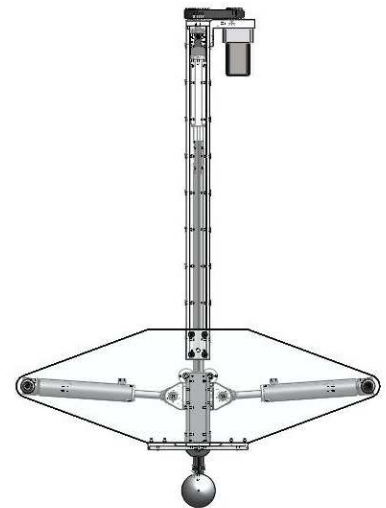
All vital parts are made of stainless steel material; some parts can be made also of aluminium to reduce the weight of the system. The system is connected to power pack unit which provide hydraulic energy to move the cylinders and hydro motor.



Down position



Canting keel



Up position

Le-tehnika provide also power pack unit, upgraded with block of valves, not only for lifting and canting keel mechanism but also for other hydraulic appliances on the boat.