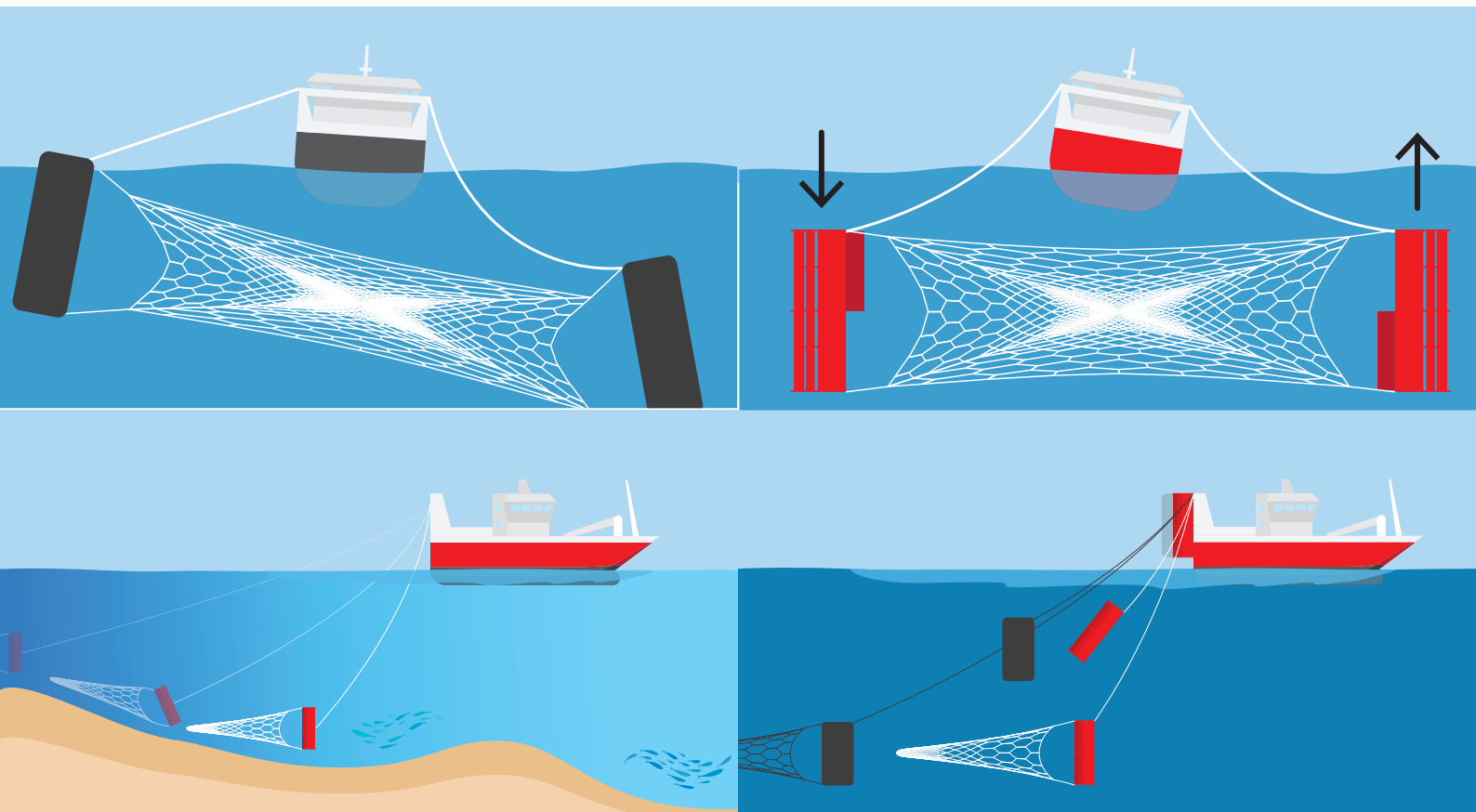


Programmable positions



Secure your trawl at desired position.

Programmable

Choose your desired depth or keep a distance to the seabed of the doors. Optimize spread of your gear to maintain the trawl opening.

Higher Efficiency

Increase your efficiency by turning faster, the doors will seek to maintain the depth and when fishing reduce bottom contact.

Built to Last

MLD trawl doors are manufactured in Denmark and designed with a strong and sturdy box structure against wear and tear. The electro-mechanical system is also designed to withstand the harsh conditions at sea.

Easier Fishing

Remote adjustments and automated functions ensure the MLD doors will be where you want them to be. The doors compensate for side currents.

Product details **SAS**[®]

MLD Self Adjusting System[®] is a programmable trawl door using the pre-set command solution for bottom fishing or fixed depth saving time and operational costs.

MLD SAS[®] reduces drag and gear damage by actively steering the doors to the desired distance from the seabed or desired depth while at the same time correcting the spread for the best trawl opening/position of the gear for more efficient fishing.

Active adjustments are made possible by the innovative MLD structural design which incorporates a state-of-the-art electro-mechanical system controlling the upper and lower flap on each door.

Door instrumentation included with the MLD SAS system utilises sensors to detect the actual distance, depth and spread of the trawl doors.

Each pair of doors can adjust the spreading power by up



MLD Trawl Controller[®] Software

to 40% enabling free movement in vertical and horizontal directions.

While MLD doors tend to be one or two sizes smaller than conventional designs, it is important to consider the very high lift factor of the MLD doors.

We design and manufacture all our products to the highest standards of quality and reliability.

Our team is ready to offer personalized solutions tailored to your trawler and targeted fishery.

Specifications

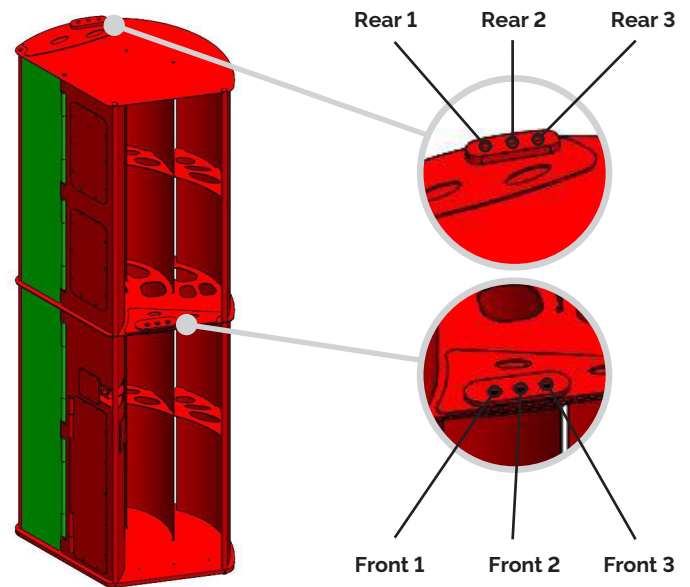
Electromechanical system

Boat Instrumentation:

- MLD Trawl Controller[®] Software
- Battery charging system (Power supply: 220V 4Amp)
- Modems for communication

Door Instrumentation:

- Door Sensors (depth, spread and distance to vessel)
- Modems for communication
- Sub-sea Computer
- High capacity Battery (50+ hours of operation)
- Hydraulic system
- MLD Door Controller[®] Software
- Depth rating: 1,000 meters (deeper on request)



| | Rear 1 | Rear 2 | Rear 3 |
|----------------|---|---|---|
| Front 1 | Best lift & drag 16 degree Cl 2,8 Cd 0,7 | Increased lift & drag 20 degree Cl 2,95 Cd 0,95 | Not optimal 24 degree Cl 2,85 Cd 1,15 |
| Front 2 | Reduced lift & drag 12 degree Cl 2,75 Cd 0,65 | Best lift & drag 16 degree Cl 2,8 Cd 0,7 | Increased lift & drag 20 degree Cl 2,95 Cd 0,95 |
| Front 3 | Reduced lift & drag 8 degree Cl 2,5 Cd 0,55 | Reduced lift & drag 12 degree Cl 2,75 Cd 0,65 | Best lift & drag 16 degree Cl 2,8 Cd 0,7 |

Contact us for additional information and personalised assistance



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