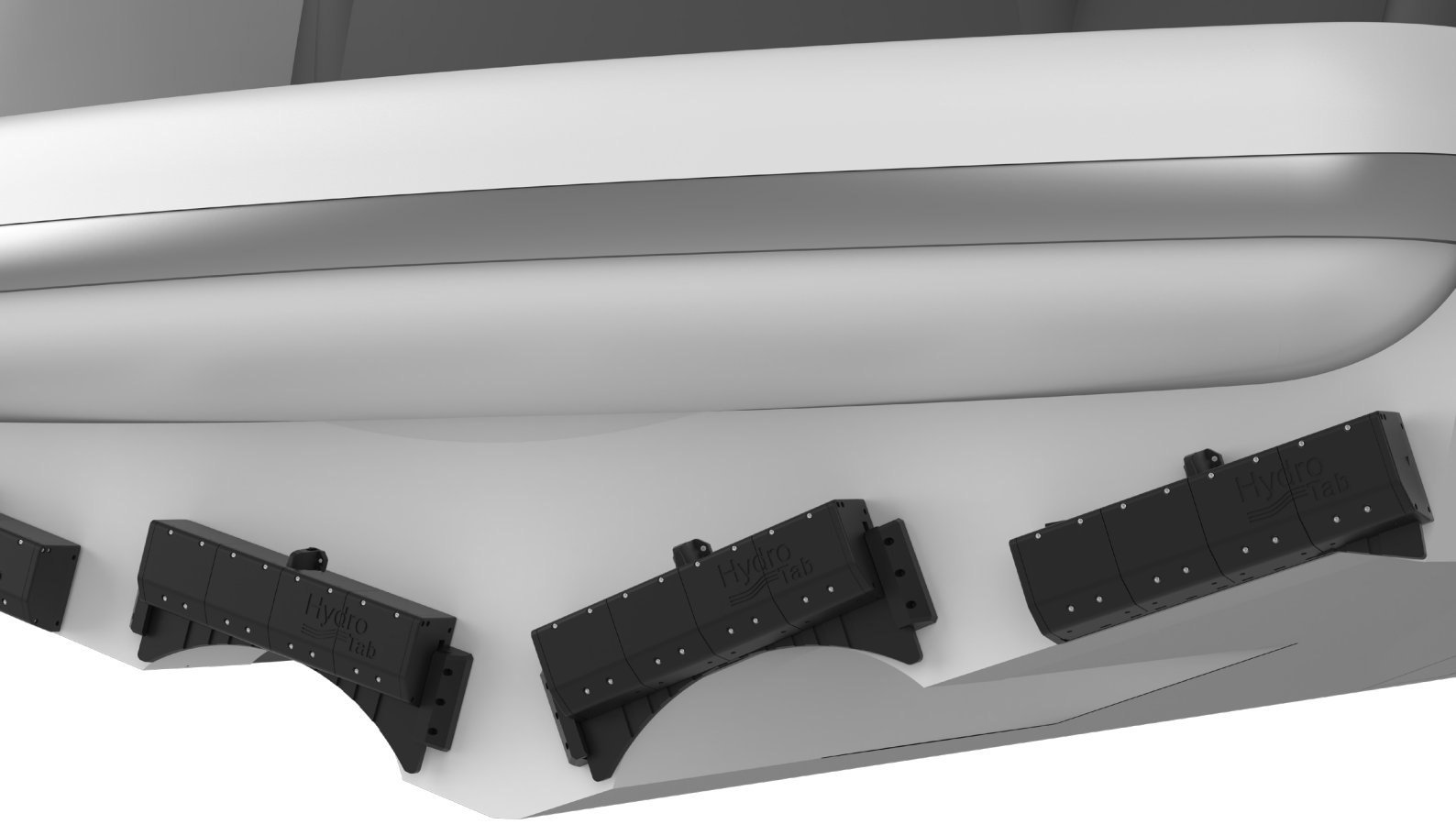
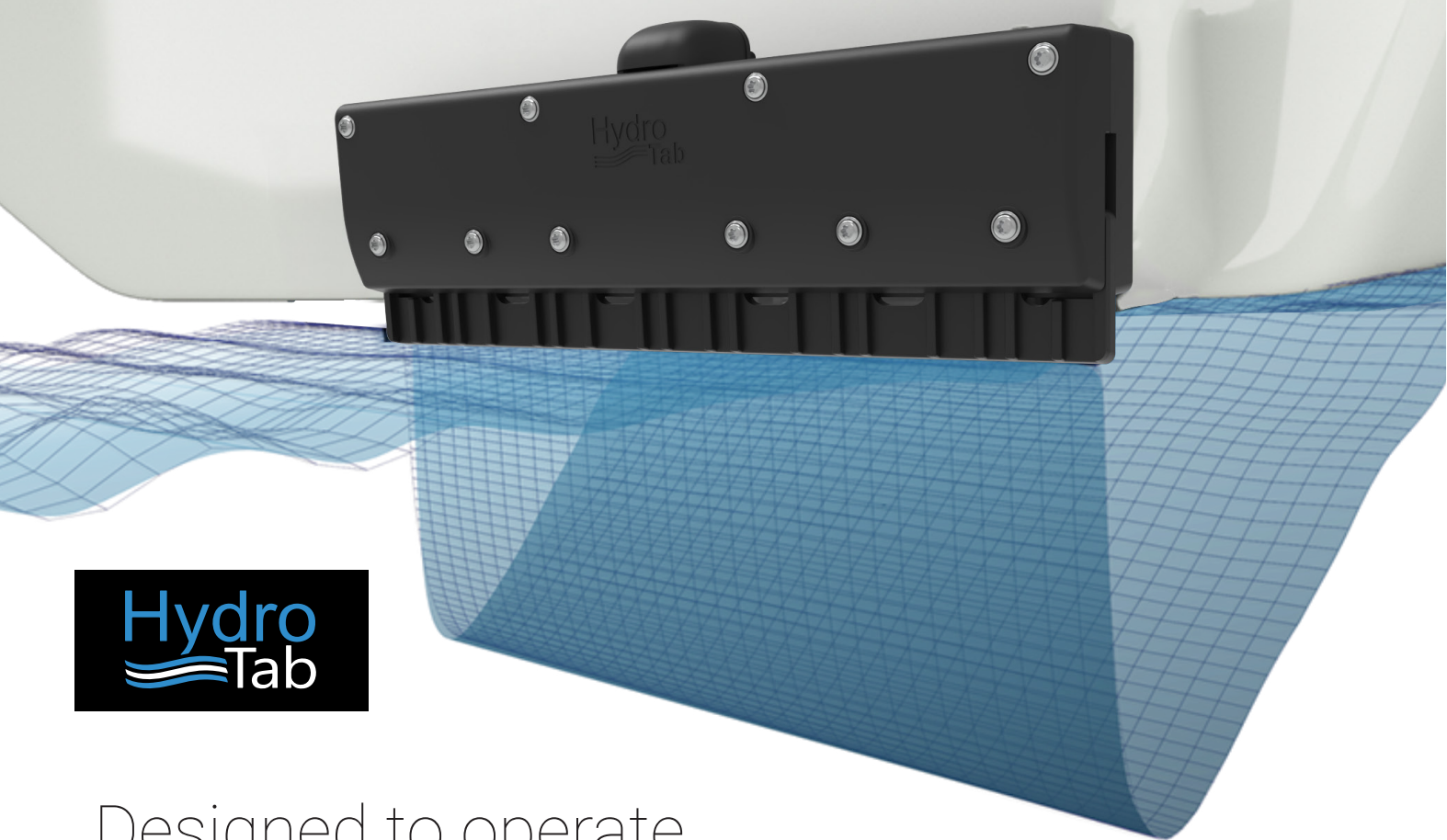




Interceptors





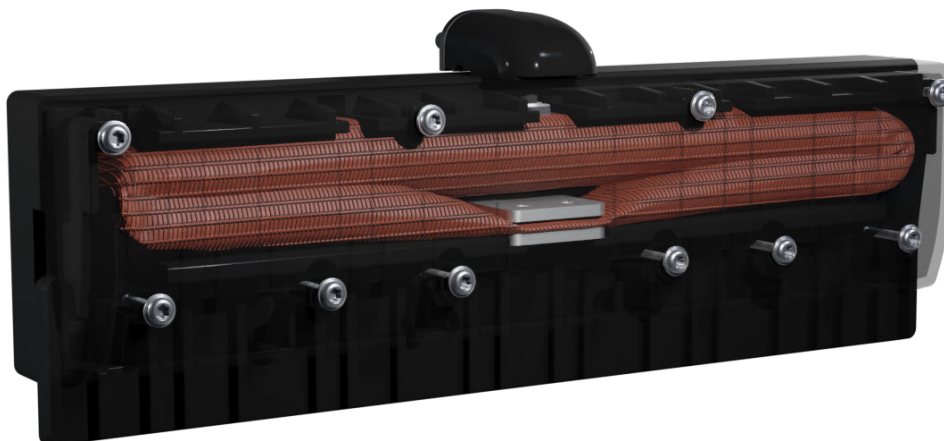
Designed to operate...

Hydrotab is an innovative patented trim & stability system designed to optimize boat control even under extreme weather conditions.

Hydrotab's innovation is based on its simple mechanics which provides the system with high robustness and durability in the harsh sea environment.

Our trim tab interceptors are made to operate and improve your boat cruising experience.

- Maximum boat control
- High trim and stability performance
- Instant response
- Enhanced fuel economy
- Excellent cruising experience



The Operating principle of Hydrotab

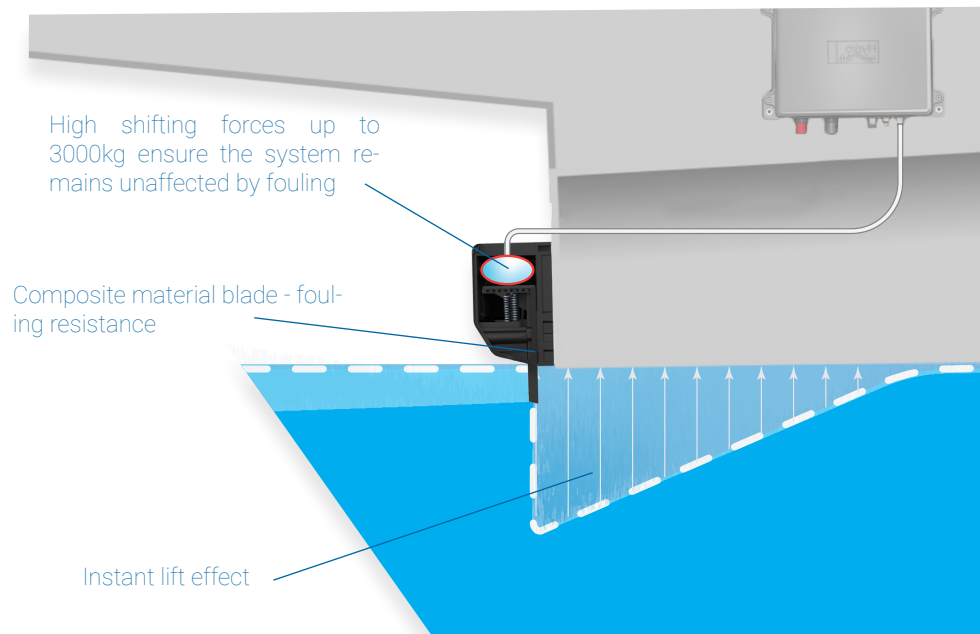


The interceptor's blade, when extended, changes the water flow which creates an area of lift below the hull. This lift force is responsible for changing the angle of the ship, stabilizing it.

The motion of the interceptor is achieved through a high durability bladder which is expanded pneumatically. The lack of any electric, hydraulic or any other damage-susceptible parts, dramatically reduces the chance of failure.

This simple principle allows us to develop a very simple, open to the sea, environmental mechanism without any sealing, which at the same time creates very high shifting forces (10Kgrs per cm of length).

This offers maximum durability against barnacle/marine growth, hits and bumps against floating objects, as well as extreme temperatures shifts.



Construction

Hydrotab interceptors are characterized by extreme robustness and total simplicity in construction.

The housing and blades are made of high quality materials, while the air chamber is made of a synthetic multilayer material, highly resistant to high pressure (up to 30bars), and appropriate for sea water.

The innovative design and high quality materials make Hydrotab interceptors reliable and failure free marine equipment.

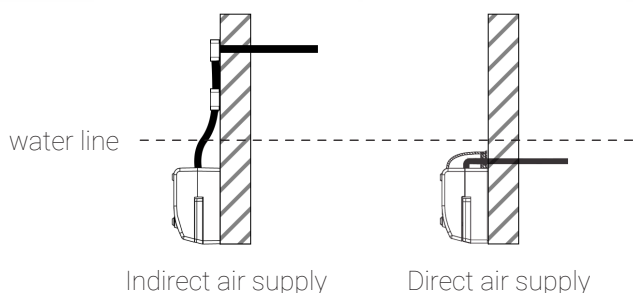
SR Series

30mm stroke, 300/450mm length

We proudly present our new composite SR pneumatic trim tabs interceptors series, based on the patented technology of Hydrotab. Composite material and compact eye-catching look without any compromise regarding the robustness and the well-known fail free operation of our interceptors. A product open to the sea without any need of sealing. Seamlessly blends with any transom in style.

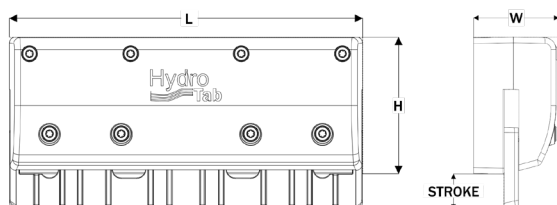
Patented

- Suitable for 16-45ft boats
- 30mm stroke
- Composite, lightweight material



Technical data

SR Series Model	Length (mm)	Width (mm)	Height (mm)	Max Deployment (stroke) (mm)
300SR	300	75	143,5	30
450SR	450	75	143,5	30

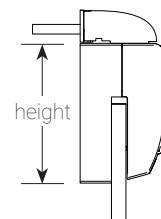
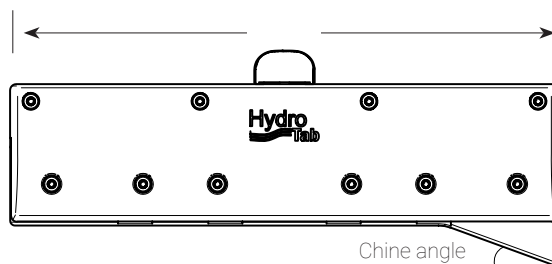


SR Chine

The SR Chine Interceptors are made to be installed on angled hulls. Our standard series accommodate the most common hull angles, but the blades can be custom made to fit specific angles!

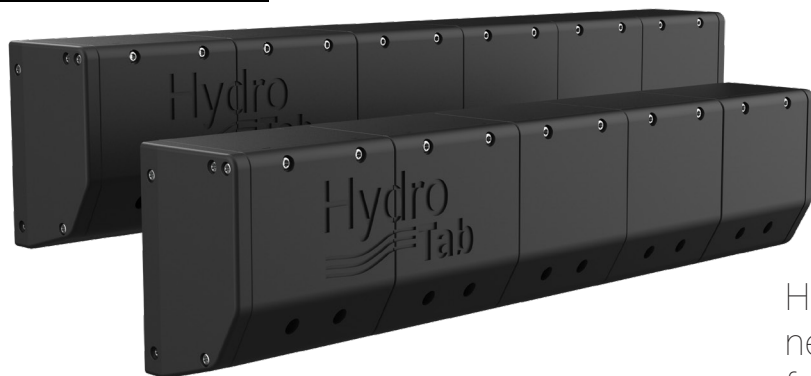


SR Series Model	Length (mm)	Width (mm)	Height (mm)	Chine Angle (°)
300SR	300	75	143,5	20
450SR	450	75	143,5	20



SR Custom Blade

The blades of the SR Series Interceptors can be custom made to any shape, providing ideal solutions to curved hulls and even hulls with strakes



LS Series

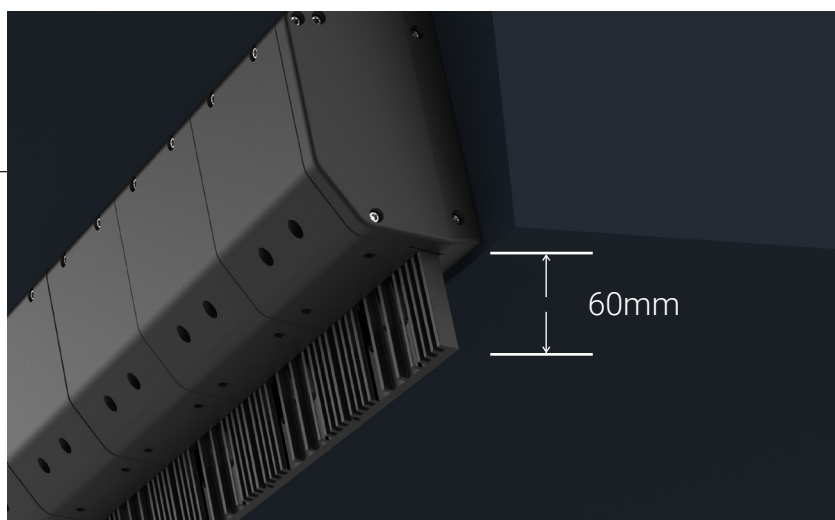
60mm stroke, custom length

Hydrotab proudly presents the brand new LS Series interceptors made from composite material, with an extended stroke for improved efficiency.

Patented

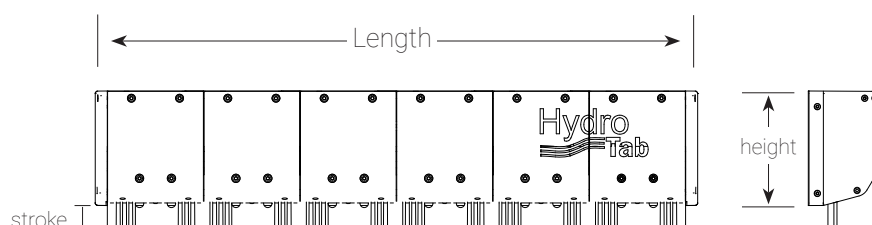
60mm Stroke

The LS Series has a 60mm blade stroke, providing unparallel efficiency and instant trimming response that will transform your boat ride experience



Technical data

Model	Length (mm)	Width (mm)	Height (mm)	Max Deployment (mm)
480LS	520	120	190	60
640LS	680	120	190	60
800LS	840	120	190	60
960LS	1000	120	190	60
1120LS	1180	120	190	60
1280LS	1320	120	190	60
1440LS	1480	120	190	60



LS Tunnel

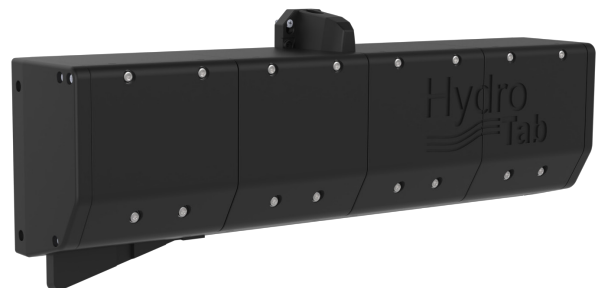


Featuring a smooth, continuous curve, these tunnel-shaped interceptors are installed above the propeller tunnel, maximizing the trimming efficiency. The LS Tunnel come at curvatures of R500, R600 and R800, but can be custom made to fit any and all hull shapes.

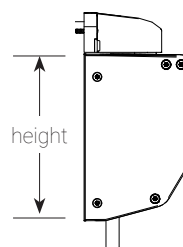
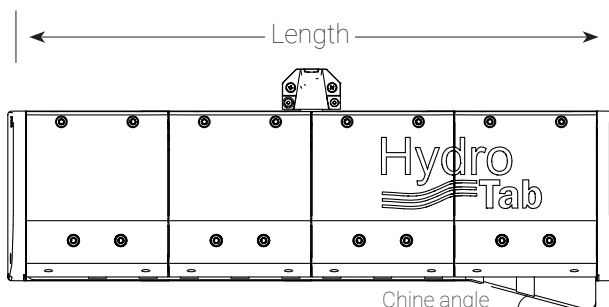
Model	Length (mm)	Width (mm)	Height (mm)	Curvature
640LS	680	120	190	500R
640LS	680	120	190	600R
640LS	680	120	190	800R

LS Chine

The LS Chine Interceptors are made to be installed on angled hulls. Our standard series accommodate the most common hull angles, but the blades can be custom made to fit specific angles, and even hulls with strakes



Model	Length (mm)	Width (mm)	Height (mm)	Chine Angle (°)
480LS	520	120	190	20
640LS	680	120	190	20
800LS	840	120	190	20
960LS	1000	120	190	20
1120LS	1180	120	190	20
1280LS	1320	120	190	20
1440LS	1480	120	190	20



BT Series

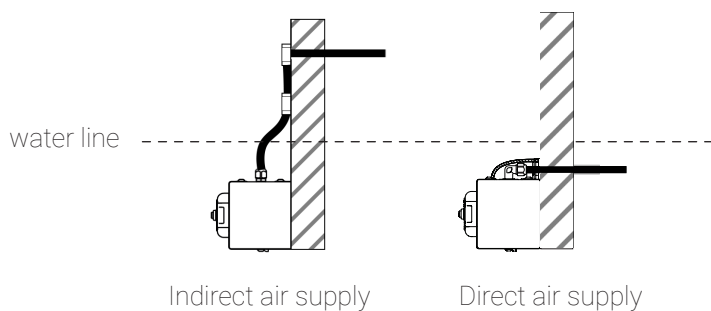
38mm stroke, 160-2000mm length

BT is the compact, INOX-316 body Series of Hydrotab. T-shape design very well balanced operation ensure a reliable fail-free operation and instant improvement of your boat ride. Can be custom made to length, up to 2m.

Ideal for hulls that the LS or SR Series' height wont fit.

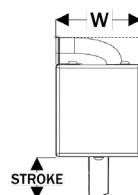
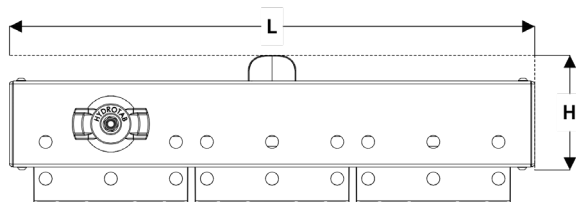
Patented

- 38mm stroke
- 6 different standard models offer great flexibility
- Custom length up to 2m on request



Technical data

SR Series Model	Length (mm)	Width (mm)	Height (mm)	Max Deployment (stroke) (mm)
160BT	210	89	115,5	38
320BT	370	89	115,5	38
480BT	545	89	115,5	38
640BT	700	89	115,5	38
800BT	870	89	115,5	38
960BT	1030	89	115,5	38

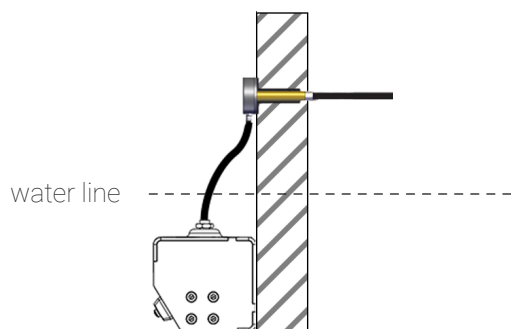


FW Series

45mm stroke, 640-1200mm length

FW is the Heavy Duty Fully INOX-316 Series of Hydrotab. An extended stroke and wider pneumatic bladder, ensures even more efficiency and reliability. The FW Series design allow us to offer solution of custom design following the transom of your vessel.

Ideal for hulls that the LS or SR Series' height wont fit.

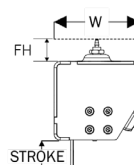
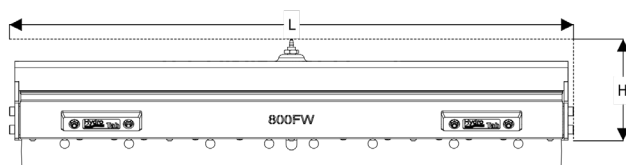


Patented

- Suitable for boat above 30ft
- 45mm stroke
- Easy access and inspection even inside the water
- 4 standard different models offer great flexibility

Technical data

FW Series Model	Length (mm)	Width (mm)	Height (mm)	Max Deployment (stroke) (mm)
640FW	640	120	145	45
700FW	700	120	145	45
800FW	800	120	145	45
1000FW	1000	120	145	45
1100FW	1100	120	145	45
1200FW	1200	120	145	45



The Hub



Engineered with cutting-edge technology, the Hydrotab Hub is a dual-function device that offers unparalleled control for Hydrotab interceptors through your vessel's MFD screens. As a standalone automatic trim controller, it optimizes vessel stability and performance, autonomously adjusting interceptor settings for smooth and efficient cruising.

Active Pitch

The increased power of the Hub allows for real time pitch adjustments. Its state of the art IMU processor ensures instant and continuous vessel attitude sensor feedback, resulting in lightning fast interceptor movements that produce a very smooth ride in both pitch & roll axes.

Seamless MFD Integration

The Hydrotab Hub seamlessly connects with your vessel's Multi-Function Display (MFD), enabling full integration and intuitive control directly from your on-board screens. Operating independently, it delivers automatic trim and stability management, enhancing your boating experience.





Enhanced control with paired operation

For those seeking advanced functionalities, the Hydrotab Hub pairs effortlessly with both the Moby and Filos controllers, creating a dynamic, cohesive system that maximizes control and flexibility on board. This synergy allows you to configure your setup exactly as you wish—whether you prefer full automation, manual precision, or a combination of both.

Compatibility



The Hydrotab Hub operates on HTML5, ensuring broad compatibility and smooth integration with most leading marine MFDs that support HTML5 technology.

Stay Connected

The Hydrotab Hub adapts seamlessly to any marine display layout, automatically adjusting to different screen sizes for a smooth, intuitive experience. It also connects effortlessly to smartphones and tablets, giving you full control of your interceptors from anywhere on board. Smart, flexible, and always within reach.



Filos **NEW**

Ergonomic control of Pitch & Roll

Filos — from the Greek word for friend and companion — Compact interceptor controller with standalone manual or paired automatic operation

- **Standalone** controller for **manual** operation
- **Automatic** ready
- Compatible with HUB and Moby controller
- Intuitive – Ergonomic
- Powerful LED display, daylight proven



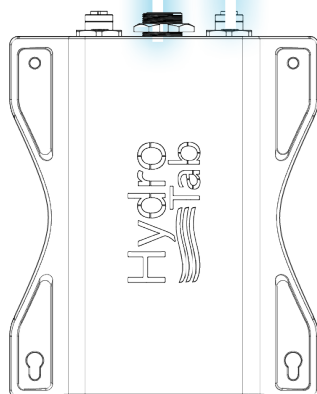
NMEA BACKBONE



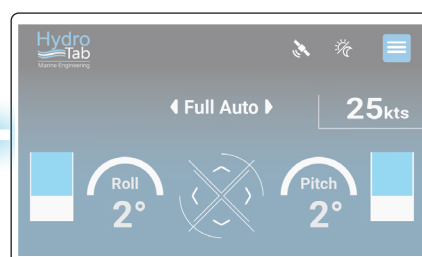
Standalone or Paired Performance

Filos adapts to your needs on the water. Used alone, it delivers precise and dynamic manual control of your interceptors.

When connected to a Hydrotab Hub or a Moby automatic controller, Filos transforms into a smart, automatic control solution — delivering seamless performance and optimized handling with ease.



Ethernet



Ideal for any project



Take control of your boat with HydroTab's advanced range of interceptor controllers. From the intuitive, fully automatic Moby with its smart display, to the hands-on yet upgrade-ready Filos, and the seamlessly integrated Hub that connects directly to your vessel's screens – HydroTab delivers the perfect control solution for every project. Whatever your vessel, whatever your needs, HydroTab ensures precision, performance, and comfort on the water.

All-in-one package

Choose the perfect system for you, with an all-in-the-box complete, convenient package that comes with anything you need to install the interceptor and controller!





Moby Controller

Ultrathin wide screen joystick automatic controller

Hydrotab Innovates once more presenting Moby. The new ultrathin, wide screen, joystick automatic controller for Hydrotab trim tabs interceptors. Designed and manufactured to get the full potential out of your Hydrotab interceptors, optimize your boat cruising experience and save fuel.



True NMEA 2K system
no extra cables



Steering Assistance



Auto Roll and Auto
Trim functions



Easy-to-navigate menu



Built-in 10Hz GPS



Large 3.2" TFT
Intelligent Display



Built-in 3D Gyro and
3D Accelerometer



Fully or light loaded
selection function



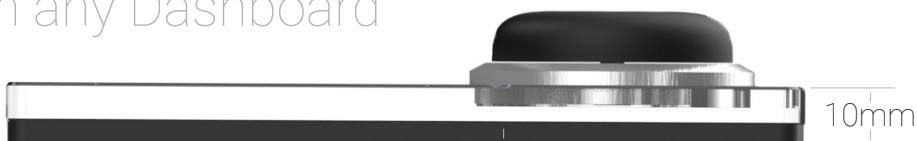
Auto Diagnostics

Operating modes

- Full automatic stabilization
- Auto pitch
- Manual control

Slim Design

Blends with any Dashboard



Developed under NMEA 2000 protocol
Compatible with NMEA 0183



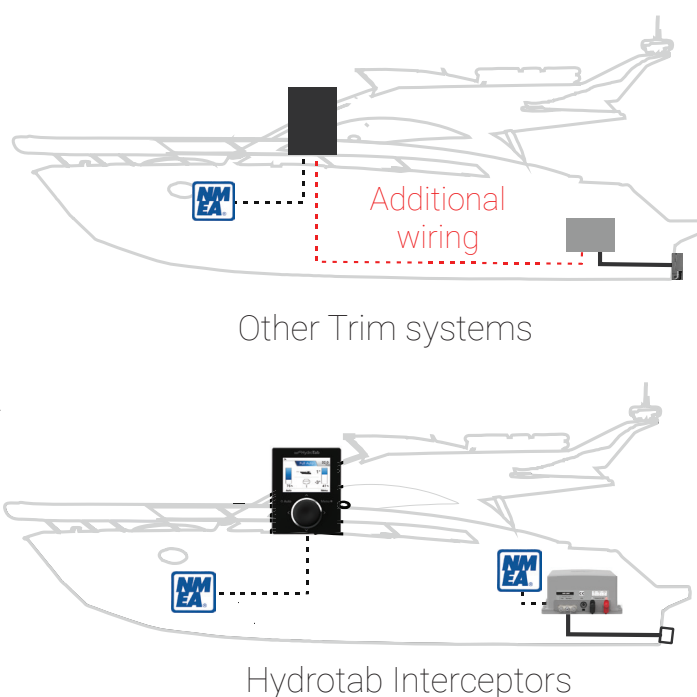
Features

- Ultra thin minimal design that blends with any panel and dashboard
- New innovative joystick system IP68 with no moving parts. Ideal use for waterjet equipped boat
- New streamlined intuitive GUI (Graphic User Interface)
- Scratch proof, antireflective glass screen
- Direct NMEA 2000 backbone installation.
- No need for extra wiring
- Wide, crisp 3,5 inch color screen
- Complete system with integrated-IMU-GPS-Antenna
- Easy data exchange for custom-dashboard applications



A true NMEA product

Unlike the competition's products that require extra wiring, the Moby controller and the corresponding AirUnit are two independent NMEA devices that connect to an existing network, simplifying the installation.





www.hydrotab.gr



Hydro
Tab

Olympic Engineering Ltd

4 Papazoglou str, GR 17778

Athens, Greece

TEL: +30 210 48 36 343,5,6

FAX: +30 210 48 36 342

E-mail: info@hydrotab.gr

www.hydrotab.gr

