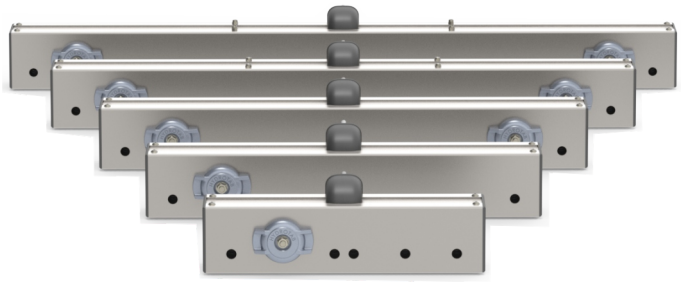
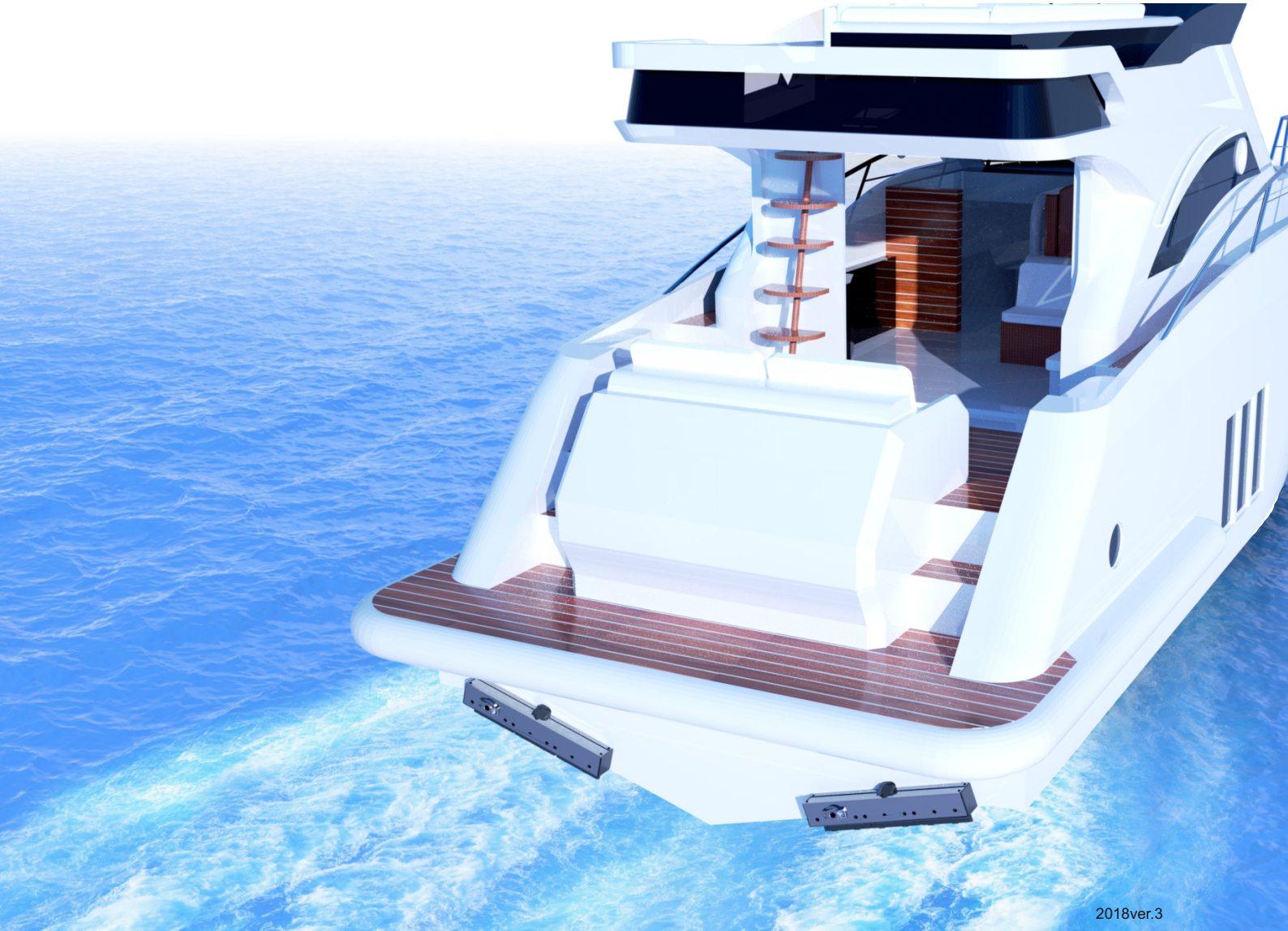
Hydro Tab
Marine Engineering



Interceptor Trim Tabs



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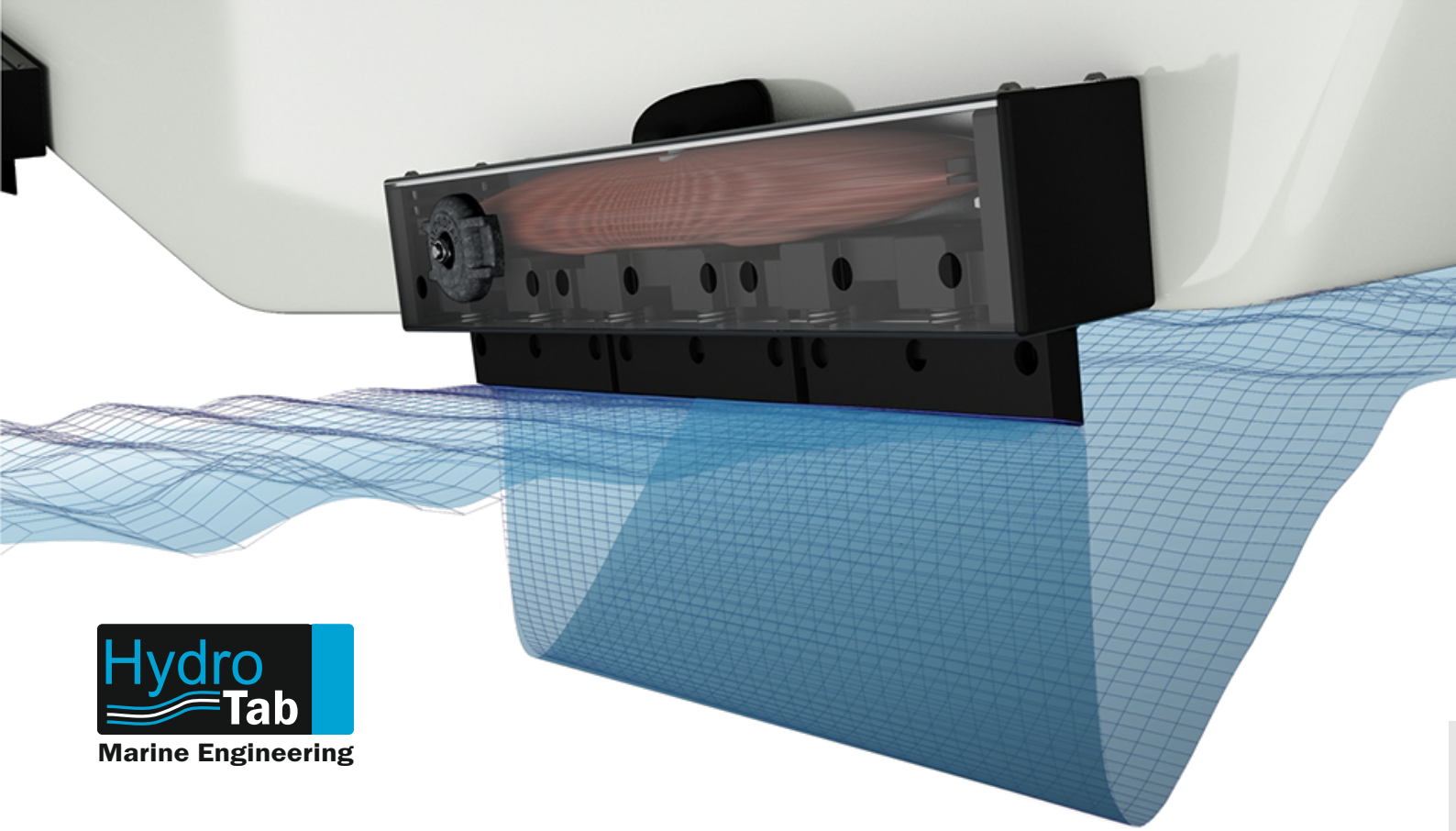


Hydro Tab
Marine Engineering

Designed to operate...

Hydrotab is an innovative patended trim system designed for maximized efficiency and optimization of boat control and characterized by absolute simplicity and robustness. Our trim tab interceptors are designed to operate in the harsh sea environment, and improve your boat cruising experience.

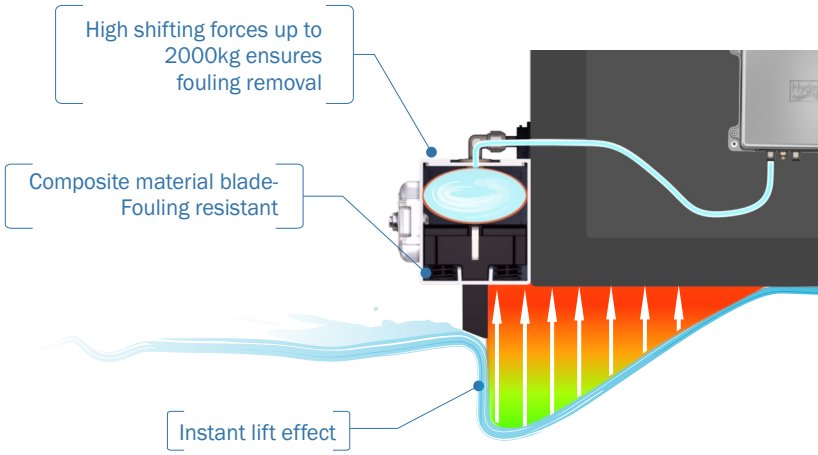
- Instant lift effect
- Increased safety in bad weather
- Enhanced fuel economy
- Improved boat control

Developed under NMEA 2000 protocol
Compatible with NMEA 0183

The Operating principle of Hydrotab

Interceptors is the future in boat trimming as they continuously build trust among boat builders, but there is a fundamental difference that make our interceptors unique.

The motion of the interceptor is achieved through a high resistance bladder which is expanded pneumatically. This simple principal allows us to develop a very simple and open to the sea water mechanism without any sealing that in the same time creates very high shifting forces (up to 2000Kg) and offer maximum reliability.



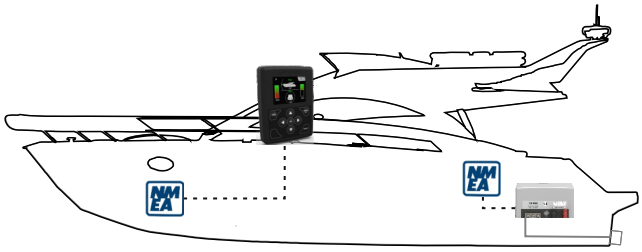
CONSTRUCTION

The housing is constructed by high quality INOX 316 stainless steel, while the blade is made by lightweight composite material which is resistant to sea fouling.

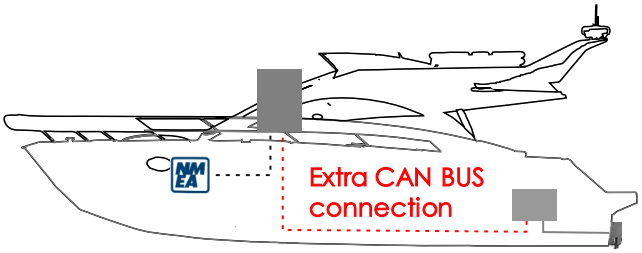
Installation

The principal of simplicity is obvious in every aspect of the product. We are proud of having succeeded in creating the most robust product with the simplest installation in the market.

- All in a box
- No high pressure circuits
- No need of special skill installer
- Push-in connection with pneumatic hose
- No need for extra wiring - Connect to NMEA backbone
- Less drilling & connections
- 110W-400V Low Power Consumption



Hydrotab



Competition

4DHC Full Automatic Controller

- True NMEA2K 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

4DHC Features

We proudly present the brand new 4DHC controller, designed and manufactured to get the full potential of your Hydrotab interceptors optimize your boat cruising experience and save fuel.

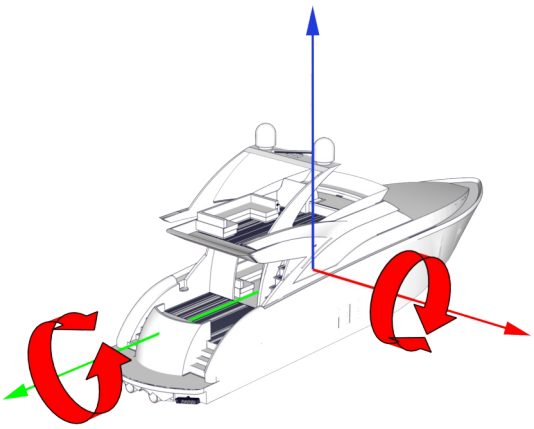
4DHC stands out for its attractive and ergonomic design, with simple and clean user friendly interface.

Developed under the NMEA 2000 standards, the 4DHC provides easy connection to the current NMEA network or allows to easily build a network if not existed.

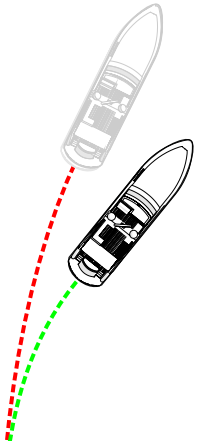
The large 3.2" screen provides real time data, visualized with high quality graphics that improves user's experience.

The integrated GPS and accelerometer sensors, monitor the boat's behavior allows user to choose between auto pitch and auto roll or a fully automated function make boat riding easier than ever as the user with one button press, enjoys his boat cruising at the ideal angle with reduced fuel consumption.

Full Auto control function



Steering Assistance



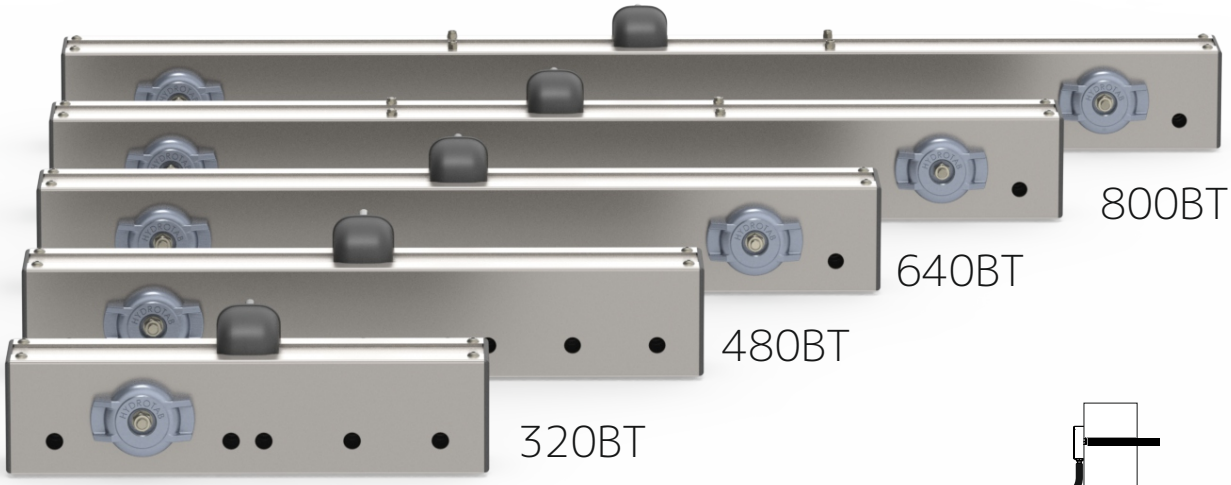
Fits in any project

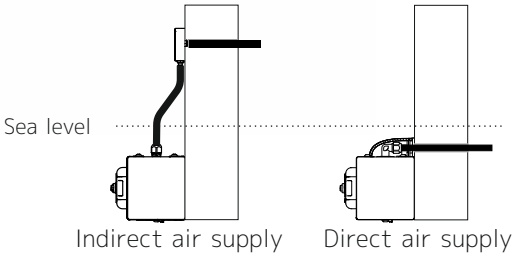
Hydrotab offers a wide range of solution from basic affordable rocker switches controller to high performance, sophisticated 4DHC Automatic NMEA controller with integrated gyroscope and accelerometer.

Controller Options	Roll	Pitch	Steering assistance	AIR UNIT
4DHC	√ Auto & manual	√ Auto & manual	√ Auto	**NMEA AIR UNIT**
3DHC	Manual	Manual	-	**Standard AIR UNIT**
Rocker switches	Button combination	Manual	-	

BT Series

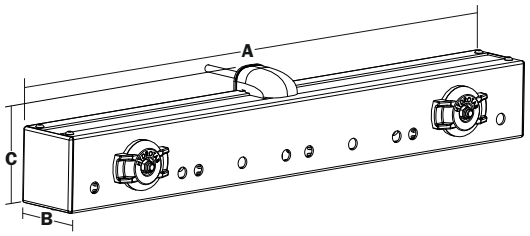
Patented





Technical data

Model	Material	Dimensions (mm) A	B	C	Max.Operating Pressure (bar)	Shifting Force (kgr)	Package weight (kgr)	Packaging dimensions (mm)
320 BT	INOX 316	370	89	115.5	3	495	18	720 x 320 x 290h
480 BT	INOX 316	544	89	115.5	3	861	20	720 x 320 x 290h
640 BT	INOX 316	700	89	115.5	3	1188	26	720 x 320 x 290h
800 BT	INOX 316	870	89	115.5	3	1545	56	1040 x 320 x 290h
960 BT	INOX 316	1030	89	115.5	3	1881	64	1040 x 320 x 290h



5 Years Warranty

Ready to install

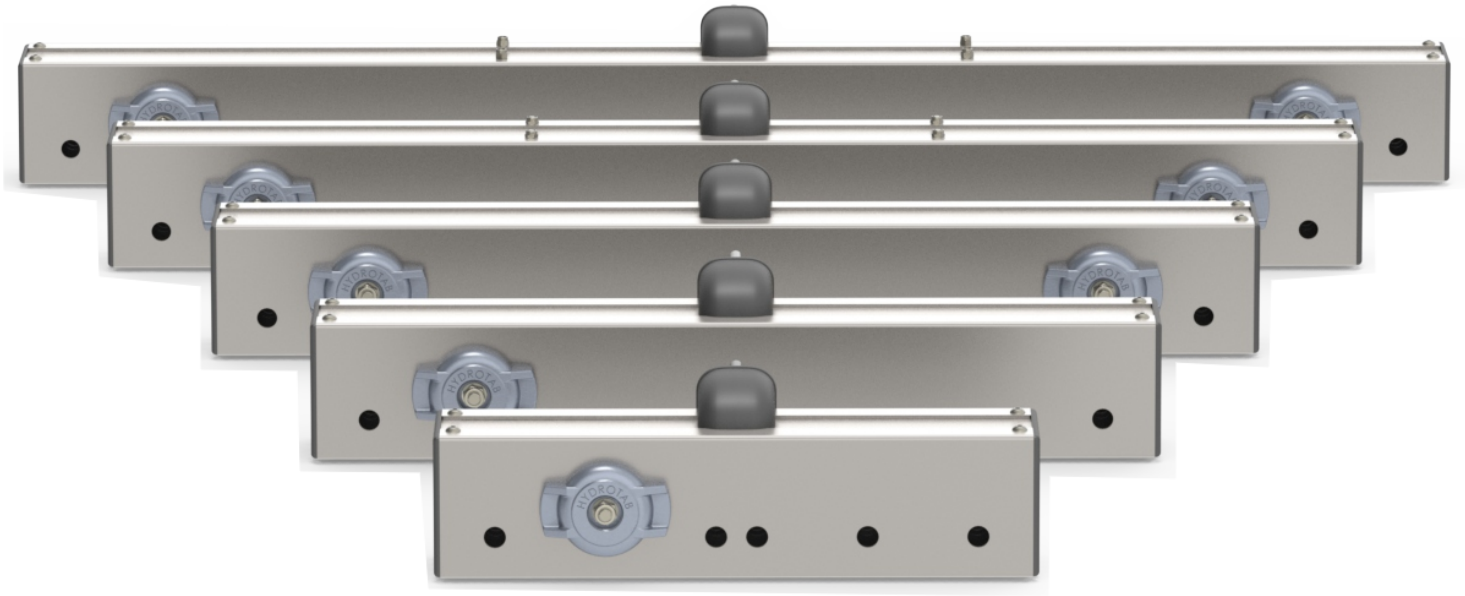
The system is delivered in kit ready to be installed with all the necessary components included

Our company preserves the right to modify any information of the present document without any further notice

Custom solutions

Hydrotab's unique design and technology offers the possibility to develop a custom size product that fulfills the specific needs of your boat.

Please contact us for a special size product or custom shape blade.



5 Years Warranty

Indicative Sizing Table

The following table is indicative and it differs depending on the boat type. It is always recommended to choose the biggest Hydrotab model that can be fitted on your boat.

Boat (ft)	Model
15-22	320BT
22-34	320 BT - 480 BT
32-42	480 BT - 640 BT
40-53	800 BT
50-70	960 BT
70 - 120	Combination of the above models (ex. 2x800BT or 2x960BT)

Note: The boat owner is exclusively responsible for the right selection of the model.

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