



SEABOATS

MARINE BROKERS WITH A GLOBAL APPROACH

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NEW BUILD - 14.80m House Boat

Listing ID - 3933

Description NEW BUILD - 14.80m House Boat

Date Built to Order

Launched

Length 14.80m (48ft 6in)

Beam 4.80m (15ft 8in)

Draft 0.90m (2ft 11in)

Location Germany

Broker George Pappas

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Price POA



Fully drivable and maneuverable with various motor options

With our electrically powered houseboats, you have a choice of several motor options: either the classic version with built-in motors; rigid drive shafts and rudder blades; or motor gondolas that combine rudder and drive. For added safety, the accumulator banks are equipped with an emergency switch that allows them to be switched to the other drive in case of need. Thus, even in case of a crosswise motor or accumulator failure, you can safely reach the next stage destination with the houseboat.

Bow thrusters are installed in both hulls to simplify docking and casting off maneuvers. The bow thrusters are operated from the battery bank of the technical equipment, in order to remain redundant and independent of the main drive, in an emergency at least in the very smallest frame still easily maneuverable. The driving speed results from the propulsion power and will be about 13.5km/h.

Innovative. Sustainable. Patented. Our Solar Railings.

The internationally patented Solar Railings© of our houseboats make it possible to transform the solar roof into a cozy lounge. With insertable poles, sun sails and special brackets, the 38.5 sqm area under the unfolded solar panels on the upper deck can be used as both a sun deck and a party deck. To do this, the solar panels are folded to the side – a variant that also guarantees the greatest possible freedom of movement on deck during docking and casting off maneuvers. In addition, the solar panels can be optimally aligned for harvesting the sun. A small area at the bow can also be covered with solar thermal panels instead of photovoltaic panels, to support the heating of domestic hot water.

Integrated Traverse for Safe Transport.

Equally unique and a further contribution to your safety is our integrated Traverse©. Up to now, a crane with a heavy lifting beam in connection with lifting straps that are pulled under the hull is used as standard on ships. A technique that is perfectly feasible for a single hull boat.

However, on our catamarans, this creates strong forces that could act laterally on the hulls and the connecting structure, causing micro-cracks and structural damage. To eliminate this, we have designed a type of cage that is part of the load-bearing structure of our houseboats. This allows our houseboats to be lifted out of the water at any location by a suitable truck-mounted crane without the need for special lifting equipment.

Always on course thanks to the smallest possible leeway.

To compensate for the leeway of our houseboats, the lateral plan of the underwater hull forms a counterweight to prevent drift. Therefore, the draft must also have a corresponding minimum size. In addition, we placed emphasis on low resistance at high overall weight during the design process. This is achieved by means of narrow hulls with a suitable draught. The four outer bow and stern props at the corners of the main deck are airfoils that direct the wind around the structure in a highly effective manner. As our simulations show, due to their physical properties, the airfoil profiles act supportively to stabilize and keep the ship on course even when the wind is blowing obliquely from the front or aft.

Innovation Spirit

In addition to the wind behavior, the line break and thus the water resistance were also determined via the ORCA 3D Marine CFD simulation. These simulations resulted in the special hull shape of the INDIE, which is tailored specifically to the needs of our houseboats.

The technology of our houseboat in a glance

Energy-efficient built-in engine and engine nacelles with emergency switching

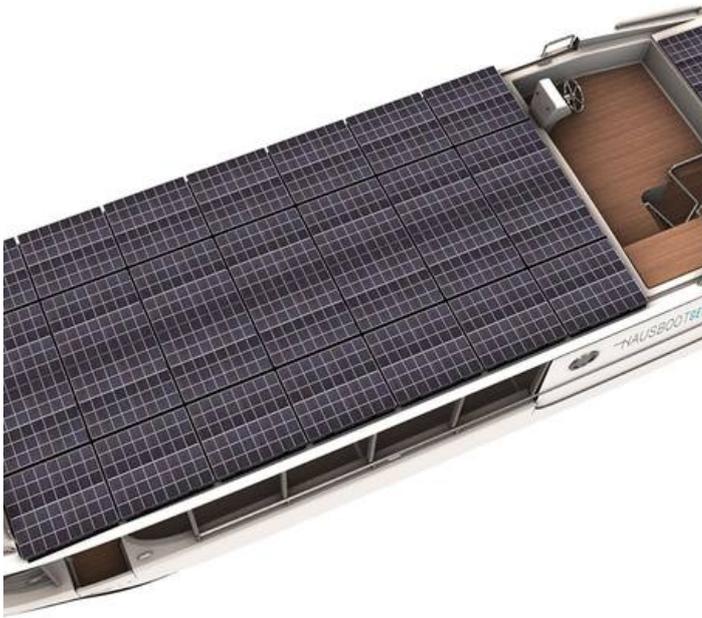
Patented solar railing© and fuel cell for energy generation

Innovative wing profiles that stabilize the boat in windy conditions

Integrated lifting beam© allows safe lifting with a truck-mounted crane

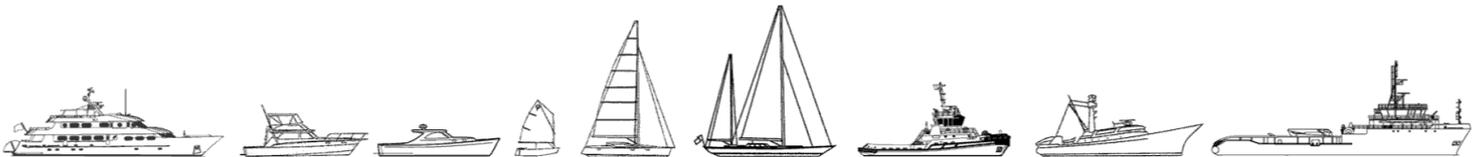
External dimensions of: 14.80 x 4.80 x 0.90 m (LH x BH x TH)

Maximum driving speed: 13,5 km/h





The details of all vessels are offered in good faith but we cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. Any buyer should instruct their agents, or their surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to sale, price change, location or withdrawal without notice.



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