

petestep®

Patented Hull Technology

What is Petestep?

Petestep® is a new patented technology for hull design; that results in a softer, quieter, more stable and more fuel efficient boat ride. Petestep is incorporated at the design stage and significantly alters the attitude of boats.

Why Petestep?

With the inclusion of Petestep® on your new boat, you can be sure that you are getting the most comfort from every ride and the best experience possible. Leaving you confident that everyone onboard will arrive comfortable, dry and happy every single time.

How does Petestep work?

Petestep's innovation allows for a reduced wetted surface, reduced wasted energy in spray flow to the sides, reduced pounding and noise as well as increasing side stability. This means a unique combination of fuel efficiency, comfort, and stability.

What makes Petestep different?

Conventional planing hulls use spray rails to reduce the hull's wetted surface and thereby reduce frictional drag. However, spray rails are noisy and make the boat slam harder in waves. By deflecting water flow to the sides of the boat, spray rails also waste energy resulting in a higher fuel consumption than necessary.

Petestep® deflectors redirect the otherwise wasted spray water down and aft, giving the boat a lift and forward thrust force. They also let the boat ride softer in waves. This means less pounding and the ability to travel at a higher speed in rough conditions. On average, the g-force is reduced by 30% in waves, while the noise typically associated with hitting waves is reduced to an absolute minimum.

Petestep® can improve every boat. If you are in the market for a new boat or would like to discuss more about how Petestep® can create a substantially safer, more enjoyable ride for all those on board, please get in touch by calling or emailing us using the details below.



Leaner

Petestep® hulls reduce resistance by removing friction and reducing energy waste. This means less energy is required to propel the boat forward, leading to less fuel consumption.



More stable

Petestep® hulls increase stability, both at speed and at the dock. At zero speed, Petestep® hulls have a wider footprint that makes the boat less prone to heeling. When at speed, the deflectors stabilize the boat, once again contributing to a better ride.



Softer


Deflectors, unlike spray rails ensure a significantly softer ride. Spray rails with their flat surfaces are associated with hard landings. Petestep® deflectors, on the other hand, dampen landings and notably increases the comfort of the ride.





Quieter

Petestep® hulls create less noise when they hit waves, which significantly adds to the comfort of the ride. Because Petestep® hulls don't have any horizontal flat surfaces that clatter against waves, the ride becomes much quieter.

Contact Us

 +46 (0) 70 766 26 82
 info@petestep.com

Follow Us

 www.petestep.com
 www.facebook.com/petestephulls/

petestep[®]

www.petestep.com

Håkan Lindström, CEO

hakan@petestep.com

+46 70 410 85 00

Jonas Danielsson, CTO / MSc. Naval Architecture

jonas@petestep.com

+46 70 766 26 82

Åsögatan 140 ög.
116 24 Stockholm, Sweden