

VOLVO PENTA

AB Volvo Penta

Press Information

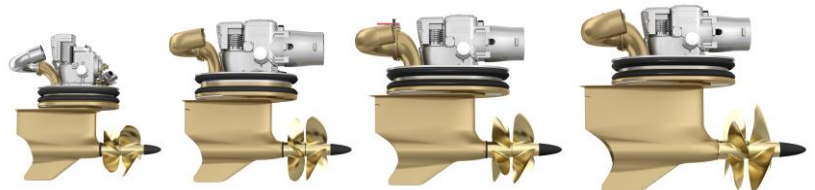
Expanding the way forward – IPS range offers even more possibilities

On its release in 2005, Volvo Penta's Inboard Performance System (IPS) introduced a new era in easy boating, which remains unmatched. Now the launch of Volvo Penta's new D8-IPS700 and D8-IPS800 further expand the range and extend the benefits of IPS to an even greater variety of boats.

With its unique forward-facing, twin counter-rotating propellers, combined with individual steerable pods, IPS completely changed the industry and continues to offer new standards in handling, onboard comfort and maneuverability.

Superior maneuverability

When first launched, Volvo Penta's IPS set new standards in precision and responsive steering, and delivered the best maneuverability in the



industry. Over the past decade, Volvo Penta has remained at the forefront by continuing to enhance the maneuverability of its systems through the introduction of Joystick Docking, Joystick Driving and Dynamic Positioning System. Now even docking and close-quarter maneuvering can be performed with just your finger tips. Steering out at sea can be done with one hand, at any speed, with perfect precision and minimal effort. At the push of a button, a boat can hold its position and keep within a very limited area thanks to Dynamic Positioning System – perfect for when waiting to dock, refuel or for a bridge to open.

“With IPS, driving a boat has never been easier,” says Johan Wästeräng, VP Product Management for Marine Leisure, Volvo Penta. “All maneuvering is simple and intuitive. Just move the joystick in any direction and your boat will follow.”

Compact, fully integrated system

Due to its compact size and positioning, IPS can take up significantly less space than a traditional shaft installation, freeing up more living space onboard – often enough for an extra room or cabin. IPS also offers 50% lower noise levels and vibrations – further enhancing onboard comfort.

High performance, low fuel consumption

IPS' forward-facing, propellers operate in undisturbed water while the twin counter-rotation results in improved efficiency and performance. In fact propulsion efficiency during middle and top speeds is improved by 25-35% compared to traditional inboard shafts. The system's improved efficiency also results in 20% higher top speed, 30% longer cruising range and 15% faster acceleration. Furthermore both fuel consumption and CO₂ emissions are reduced by up to 30% compared to inboard shafts.



Easy boating

Volvo Penta's philosophy of 'easy boating' began with the launch of the first IPS pod in 2005, and ever since it has been the guiding principle behind all product innovations. To date over 20,000 IPS units have been delivered to 550 boat builders and feature in around 1,100 different boat models.

"Our goal is to make owning and operating a boat as easy as possible," says Stefan Carlsson, head of Volvo Penta's Marine Diesel segment. "The new IPS pod continues that commitment. By expanding our range, we can now offer a greater choice in systems and bring the benefits of 'easy boating' to an even broader range of boats."

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Volvo Penta, with approximately 3,500 dealers in over 130 countries, is a world-leading and global manufacturer of engines and complete power systems for boats, vessels and industrial applications. The engine program comprises diesel and gasoline engines with power outputs of between 10 and 900 hp. Volvo Penta is part of the Volvo Group, one of the world's leading manufacturers of heavy trucks, buses and construction equipment.