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VOLVO PENTA IPS

FORWARD THINKING IN YACHT POWER

**VOLVO
PENTA**

www.volvopenta.com



PERFECTLY MATCHED FOR YACHTS

After almost 10 years on the market, Volvo Penta IPS is the undisputed choice for powering yachts up to 100+ feet.

With its unique reliability and performance, Volvo Penta IPS has also been a proven success in powering heavy-duty commercial vessels for many years. Here, there is no room for compromises.

State-of-the-art marine diesel engines in combination with forward-facing propellers and steerable drive units, makes IPS superior to shafts in every vital aspect - maneuverability, on-board comfort and performance.

Volvo Penta IPS takes yachting to a new level.

THE UNIQUE BENEFITS OF VOLVO PENTA IPS

- 40% longer cruising range
- 20% higher top speed
- 30% reduced fuel consumption
- 30% less CO₂ emissions
- 50% lower perceived noise level
- 35% higher efficiency (at fast cruising)
- Safe and predictable handling and manoeuvring
- Joystick for easy docking and driving

Compared with inboard shafts at cruising with planing hulls, approximate figures.

FORWARD EFFICIENCY

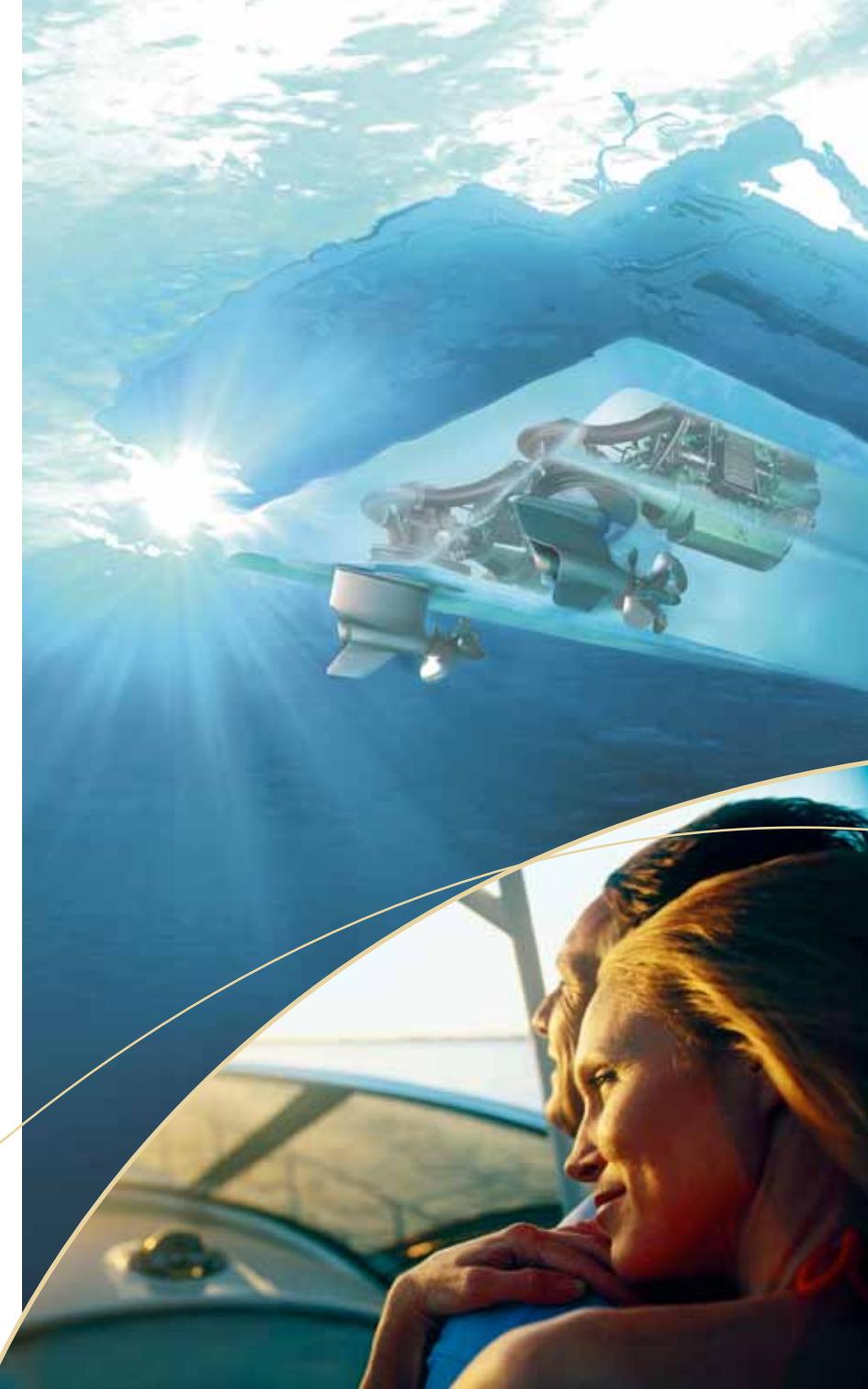
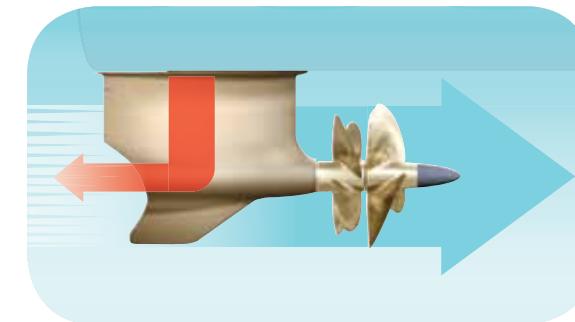
Volvo Penta IPS is a complete propulsion package where the helm station, engines, pods and propellers have been developed to match perfectly.

The key to the outstanding Volvo Penta IPS efficiency is that the twin, counter-rotating propellers face forward and work in undisturbed water. All power drives the yacht forward and the propeller thrust is aimed in the direction of motion.

SUPERIOR PERFORMANCE AND ONBOARD COMFORT

The propellers are based on the proven Volvo Penta Duoprop technology. When combined with minimal drag of the underwater gear and a fully matched driveline, Volvo Penta IPS produces superior performance. The yacht tracks straight and the turning radius is tight, with perfect grip, quick response and predictable handling.

Forward-facing propellers also mean considerably improved on-board comfort as all exhaust fumes are emitted through the pods, into the prop wash and carried well behind the yacht. Pulsation from the propellers is minimal, thus reducing onboard noise levels.





OPTIONS FOR EASY BOATING

With Volvo Penta IPS comes a wide range of options and accessories for safer and easier boating.

ONE LOOK. ONE TOUCH. ONE SYSTEM.

Volvo Penta proudly presents the unique Glass Cockpit system. You get all vital driver information in one place –and a clean, uncluttered dashboard. The pre-defined, easy-to-handle and pinch-to-zoom displays give you instant control. Fully integrated with all the easy boating options.

NEW INTERCEPTOR TRIM SYSTEM

This whole new trim system, the Interceptor System (IS) has its origin in large, commercial vessel applications. It provides excellent visibility for the driver during acceleration and in sharp turns which significantly enhances on-board safety.

THE JOYSTICK – A WHOLE NEW WAY TO MANEUVER

JOYSTICK DRIVING A whole new way to maneuver with precision at all speeds. You steer comfortably with the joystick. The integrated autopilot supports by automatically engaging after every course change.

JOYSTICK DOCKING Makes docking easy, even fun. Forget complicated maneuvers in close quarters. Just move the joystick in any direction and your yacht will follow. You can install up to six Joystick Docking stations on your boat.

DYNAMIC POSITIONING SYSTEM Press the button and your yacht's position and heading are held in a fixed position – the EVC system transforms GPS data into steering angles, gear shifts and throttle positions.



See the complete range of Easy Boating options.

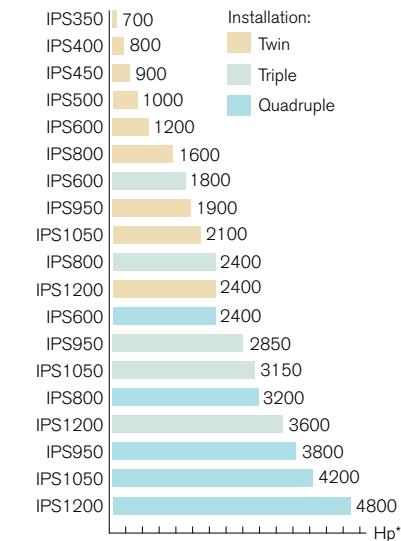
THE POWER RANGE

The complete Volvo Penta IPS power range consists of nine different propulsion packages – all with perfectly matched diesel engines, drives and propellers. The broad range of alternatives, along with the option of twin, triple and quadruple installations, makes it possible to customize installations for yachts up to 100+ feet. Volvo Penta IPS is also available for semi-planning yachts.

SUPERIOR DIESEL ENGINE TECHNOLOGY

All Volvo Penta IPS diesel engines are based on the latest technology within the Volvo Group. They have been further developed and optimized for marine use by Volvo Penta. Engine size range from 4, 6, 11 up to 13 litres and comply with the world's most stringent environmental demands, U.S. EPA Tier 3.

APPLICATION CHART



*The figures correspond to the approximate crankshaft power (hp) needed from an equivalent inboard shaft installation with a planing hull.





DEVELOPED, MANUFACTURED AND SERVICED BY ONE COMPANY

With Volvo Penta IPS you have one contact for the complete propulsion package - from helm station, diesel engines, drives to the propellers. The whole system consists of standard Volvo Penta "off-the-shelf" components that are easy to replace. This means easy service and getting you back on the water quicker if you have a mishap during the trip.

GLOBAL DEALER NETWORK

With every Volvo Penta product comes the support of a world-wide dealer network - more than 4000 dealers in over 130 countries. These dealers are specialists in the maintenance and repair of your Volvo Penta products, using only genuine Volvo Penta parts.

EXTENDED COVERAGE

In addition to our improved International Limited Warranty, you can now sign up for our Extended Coverage program and altogether get five years of full engine and transmission protection.

YACHT SERIES SUPPORT*

This exclusive support is available 24/7 through a direct phone line. Operators who are specially trained to assist Volvo Penta IPS customers will take your call. These operators have access to your yacht's technical details and will help locate the closest Volvo Penta-trained technician to address service required.



* The Yacht series support is available to you with Volvo Penta IPS500-600 in a triple or quadruple application or an IPS800-1200 in a twin, triple or quadruple application.

OUR COMPANY

Volvo Penta is a world-leading supplier of engines and complete power systems for marine and industrial applications. As being a part of The Volvo Group, we prioritize quality, safety and environmental care in all our products - from optimized drive systems, to smart accessories, and professional services.

We have more than 100 years' experience of making boating better, with ground-breaking innovations - such as the Aquamatic sterndrive, the Duo-prop, the Volvo Penta IPS and Joystick maneuvering. For yachts, we also offer a wide range of diesel inboard engines with shaft installation.

In recent years our EVC (Electronic Vessel Control) has delivered a range of new features, all leading to better, safer, and more efficient and environmentally-friendly boating.

Our technology is advanced. But it's designed with one key principle in mind - to make the boating experience as easy as possible. Because easy means safe. And easy means comfortable. We call it Easy Boating.