VOLVO PENTA IPS
A NEW ERA IN YACHT POWER
FOR VESSELS UP TO 100+ FEET
Volvo Penta IPS has been developed as the most environmentally sound inboard propulsion system. For Volvo Penta, green is more than a color. It’s a commitment.

Volvo Penta IPS has revolutionized the boating industry. Superior to inboard shafts in every vital aspect – handling, onboard comfort and performance.

**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
- Joystick docking

Compared with inboard shafts at cruising speed, approximate figures. 30% reduction in fuel consumption gives around 40% longer cruising range.

IPS1050 and IPS1200 are powered by the D13 engine. With the unique twin-entry, dual-stage turbos, you will be amazed by its performance.

Praised by boat owners, the press and boat builders, Volvo Penta IPS has revolutionized the boating industry.
PROVEN SUCCESS

Today, more than 10,000 IPS units are installed in more than 250 different boat models worldwide. With the IPS1050 and IPS1200, the unique benefits of forward facing are available for yachts up to 100 feet.

A COMPLETE LINE FOR A PERFECT MATCH

Volvo Penta IPS offers a complete range for yachts, sport cruisers and sportfishing boats up to 100+ feet. All options are equally easy to drive with standard twin controls and all accessories available.

Three pod sizes – perfectly matched to each engine’s power and torque.
INCREASED CONTROL AND SAFETY – FOR EASIER BOATING

Volvo Penta IPS is available with a range of features that can be tailored to your personal needs. Designed to make life at sea easier, they let you concentrate on the fun of boating and enjoy your days at sea with precise control and increased safety.

JOYSTICK FOR EASY DOCKING
The skipper’s best friend that makes docking easy, even fun. Forget complicated shift, throttle and steering wheel combinations in close-quarter maneuvering – simply move the joystick in the direction you want the boat to move, and the boat reacts to your intentions: sideways, diagonally, forwards, backwards or rotate.

DOCK FROM THE AFT DECK
You can make docking even easier with additional joysticks. Place them wherever you have the best possible view for maneuvering. Up to four joysticks can be installed.

VOLVO PENTA IPS JOYSTICK
• Easy and logical one-hand maneuvering
• Move in any direction
• No time limit
• Massive maneuvering power
• No bow or stern thrusters needed
• Up to four joysticks can be installed
SLOW DRIVING IN MARINAS AND CANALS

**Low-speed mode** is perfect when driving in marinas and canals. It is also ideal for trolling. The adjustable Low-speed mode works by a slip coupling in the gearbox, which reduces boat speed at idling by approximately 50%, from 5–6 knots to 2–3 knots.

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FOLLOW THE FISH AND BRING IT HOME

**Sportfish mode** makes it easy to follow the fish, and bring home the catch. With the pods locked toe-out, the driver can turn the boat rapidly using control levers. Sportfish mode is a unique Volvo Penta IPS feature, developed exclusively for big-game fishing.

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HOLD YOUR BOAT’S HEADING

Press a button and the **Dynamic Positioning System** holds your boat’s heading and keeps it within a very limited area. The perfect feature for waiting at the fuel dock or for a bridge or lock to open. When docking, the Dynamic Positioning System gives your crew time to prepare fenders and lines.

Twin high-precision GPS receivers determine the boat’s position and heading. Software in the EVC system transforms this data into steering angles, gear shifts and throttle positions to keep the boat still.
WHY **FORWARD FACING** IS SO SUPERIOR

Volvo Penta IPS provides what seems to be an impossible combination: dramatically improved performance, longer cruising range and, at the same time, radically reduced CO₂ emissions – compared with inboard shafts.

**FORWARD-FACING EFFICIENCY**

The twin counter-rotating propellers face forward and work in undisturbed water. The propeller thrust is parallel with the hull. All power drives the boat forward.

**VIRTUALLY NO FUMES**

All exhaust fumes are emitted through the pods, into the prop wash and carried well behind the boat for improved onboard comfort.

**STEERABLE PODS**

Steerable pods point the entire thrust in the desired direction. The boat is absolutely course-stable and the turning radius is tight, with perfect grip and predictable handling through the whole speed range.
CAVITATION-FREE
The propellers are positioned well under the hull to eliminate the risk of air intrusion and cavitation, even in sharp turns and under full acceleration.

BLADE AREA EQUALS EFFICIENCY
Forward-facing propellers, with no exhausts through the hub, minimize the hub diameter. This gives a proportionally much larger active blade area, and better grip in the water.

The forward-facing solution and an efficient flat-surface hull. The result is around 35% better efficiency at cruising than inboard shafts.
A PERFECT MATCH
DEVELOPED, MANUFACTURED AND SERVICED BY ONE COMPANY

WITH VOLVO PENTA IPS you have one contact for everything. The components of the entire propulsion system can be obtained directly from your local Volvo Penta dealer. This means easy service and that you are quicker back on the water if you have a mishap during the season.

Volvo Penta IPS is a complete and integrated propulsion system – from the helm station to the propellers. This greatly increases quality and reliability. Designed with safety as a key feature, Volvo Penta IPS offers a robust construction and redundancy in the EVC system.