

NEW!

TRIM SYSTEM IS600-1050

Smooth boat behavior - the easy way!

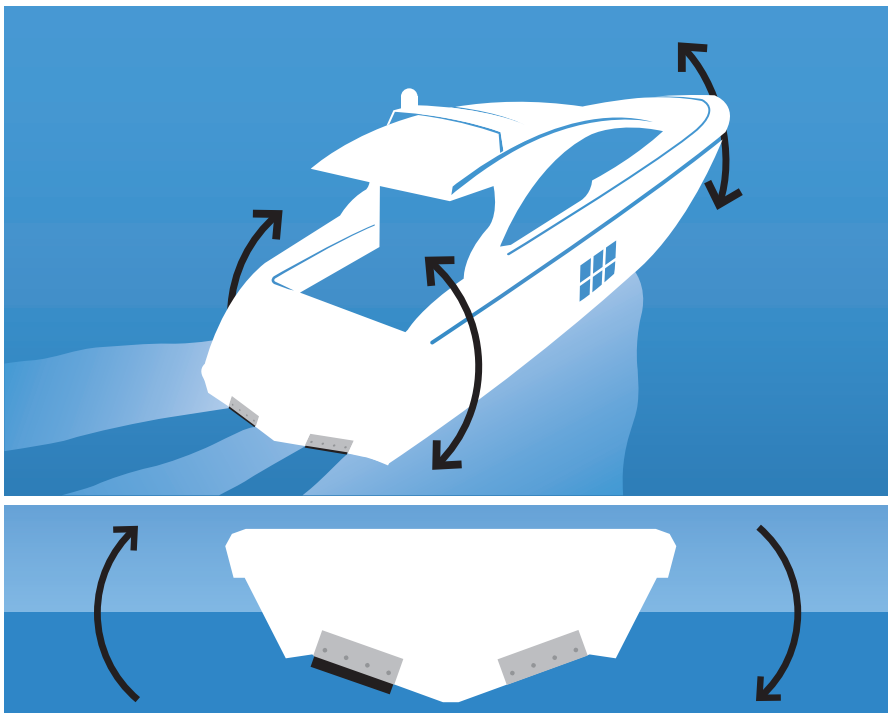
The Volvo Penta Interceptor System (IS) will make your boat driving a whole lot simpler, safer and more comfortable, while also reducing your boat's fuel consumption.

The system is fully integrated in our electronic platform, EVC, and is available in two versions. Manual is standard, but the optional, automatic version is where the system really asserts itself. Just press the TRIM ASSIST button to activate the Auto mode and enjoy a smooth and comfortable ride – fully automatically!

This robust system is optimized for Volvo Penta-powered boats 40 feet and larger.



The interceptor System is easy to operate via the engine control.



IS provides perfect control of pitch and heel. In Auto mode, IS constantly optimizes the boat's attitude in all directions.

SUPERIOR ONBOARD COMFORT

By continuously compensating for wind and load, IS gives the boat its most favourable running angle – and everyone aboard a smoother ride. With the automatic option, the Auto mode, the driver can lean back and focus on driving. Controlling the system is easy, it's all integrated in the control lever. IS also enables planing at lower speeds for more fuel-efficient and comfortable cruising.

**VOLVO
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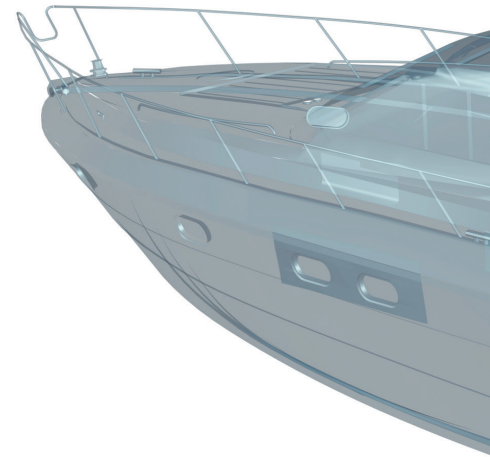


IMPROVED ONBOARD SAFETY

Compared with a boat with a traditional trim system, a boat with IS in Auto mode is quickly up on plane and stays more upright in sharp turns. This means significantly improved visibility, both ahead and to the sides, and enhanced overall safety. With the automatic mode activated, the driver can focus fully on maneuvering and navigating – confident that the boat's attitude is always optimal.

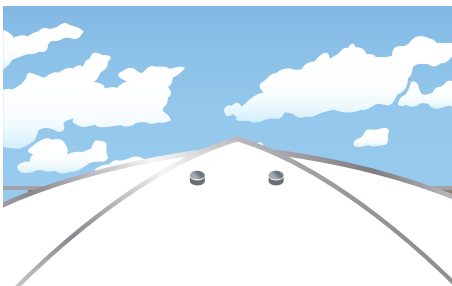
SAVE FUEL AND REDUCE THE ENVIRONMENTAL IMPACT

When activated in the automatic mode, the IS trim system repeatedly adjusts the interceptor blades in order to keep the boat in its most favorable attitude with regard to minimizing the fuel consumption. Less fuel means reducing both cost and the environmental impact.

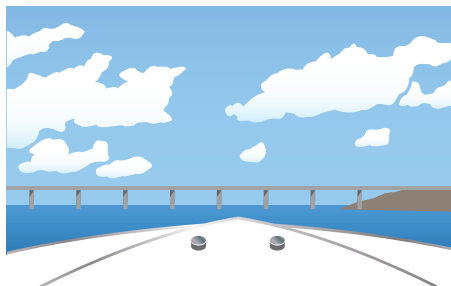


Learn more about the Interceptor System

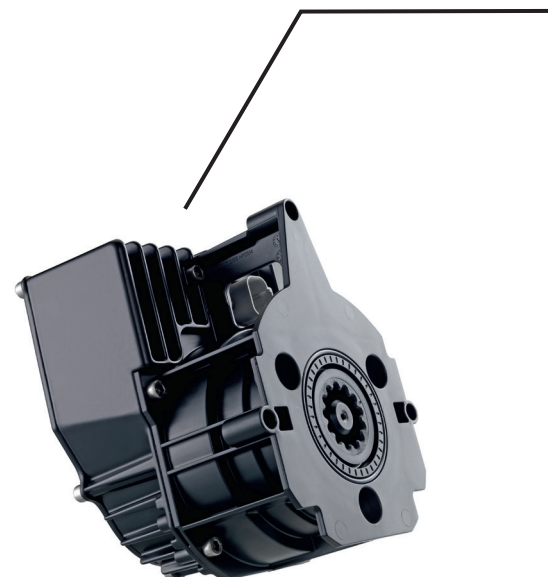
Without IS.



With IS.



With IS, the boat is quickly up on plane with better forward visibility.



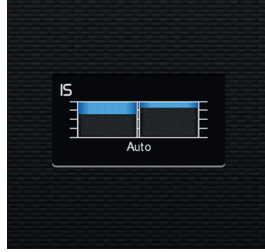
The powerful, electric servo units are extremely responsive: full stroke is possible in two seconds.

INTERCEPTORS VS. TRADITIONAL TRIM TABS

- Higher efficiency at planing.
- Less wet surface means less friction.
- Composite materials – no corrosion.
- Electronic actuator and no hydraulics mean virtually no maintenance.
- Automatic self-cleaning once every 24 h.
- Compact dimensions gives uncluttered transom.
- Automatic retraction at engine shut-off.



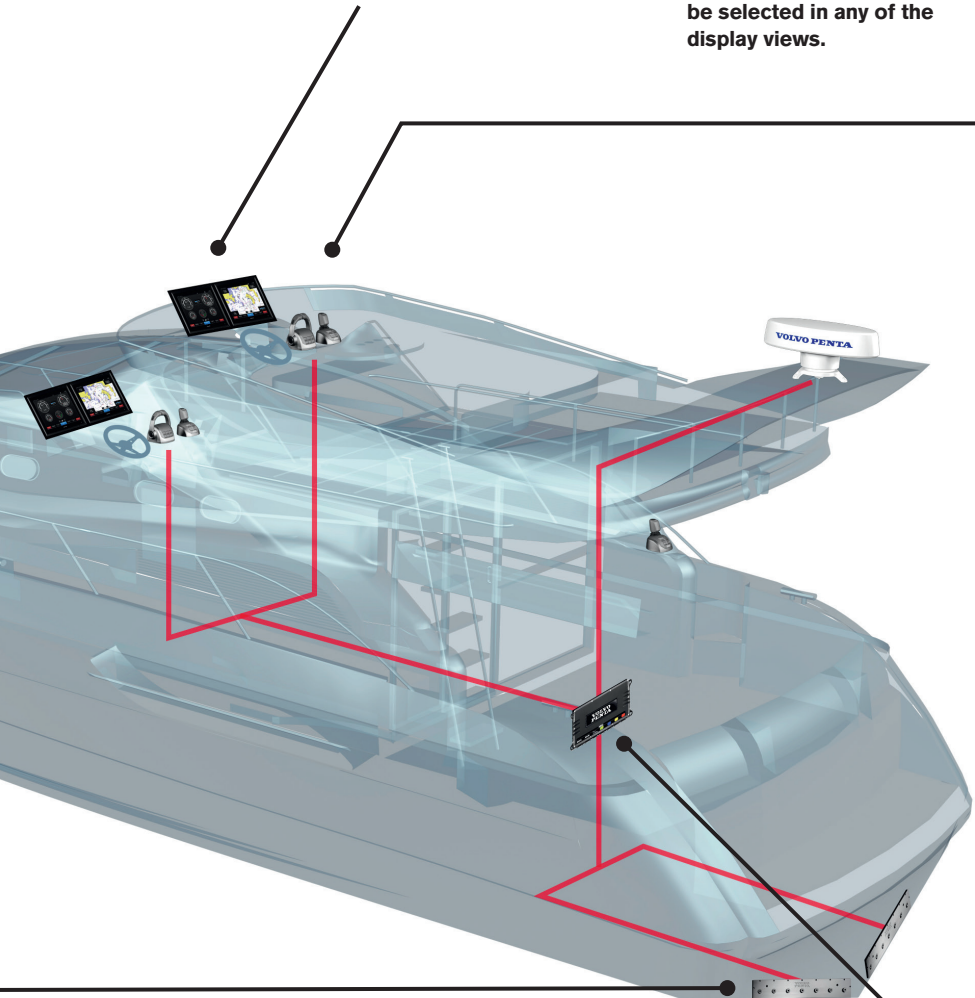
In the Glass Cockpit System, all vital engine data and navigation information are collected in one place - for easy overview and perfect control.



The trim indicator is integrated in the Glass Cockpit System and can be selected in any of the display views.

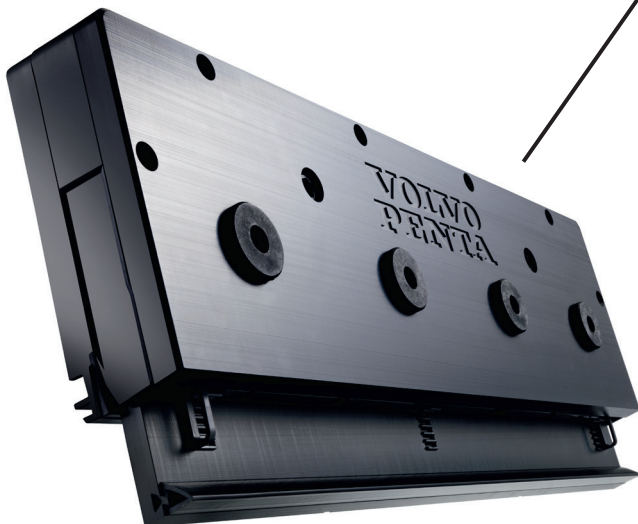


The EVC control with integrated buttons for activating Auto mode (TRIM ASSIST) or manual trim. No need for a separate trim panel.



INTEGRATED IN THE EVC PLATFORM

Volvo Penta's electronic platform - Electronic Vessel Control - integrates the boat's engines and electronics, including the IS. With radically reduced wiring and heavy-duty connectors, EVC gives a robust installation and greatly improved reliability. No separate control panel is needed for IS - it is fully integrated in the EVC control for a simplified and more user-friendly driver interface. IS has advanced automatic functionality (option) and is designed to work in harmony with Powertrim Assistant. The auto functionality is also customized to each boat model for best performance.



The compact interceptor blades require minimal maintenance thanks to the composite materials. The blades have an automatic, self-cleaning function and a full stroke of 50 mm.



The Interceptor control unit controls the movements of the interceptor blades depending on GPS position, rudder angle, engine data and the attitude sensor.

FEATURES AND BENEFITS

- Available as a fully automatic system with manual overlay control at all times.
- Easy handling thanks to the unique EVC integration.
- Quickly up on plane.
- Smooth boat behavior.
- Stabilizes in the turns.
- Greatly enhanced visibility and safety.
- Improved fuel efficiency.
- Robust construction with its origin in large, commercial vessels
- Developed for Volvo Penta power systems.

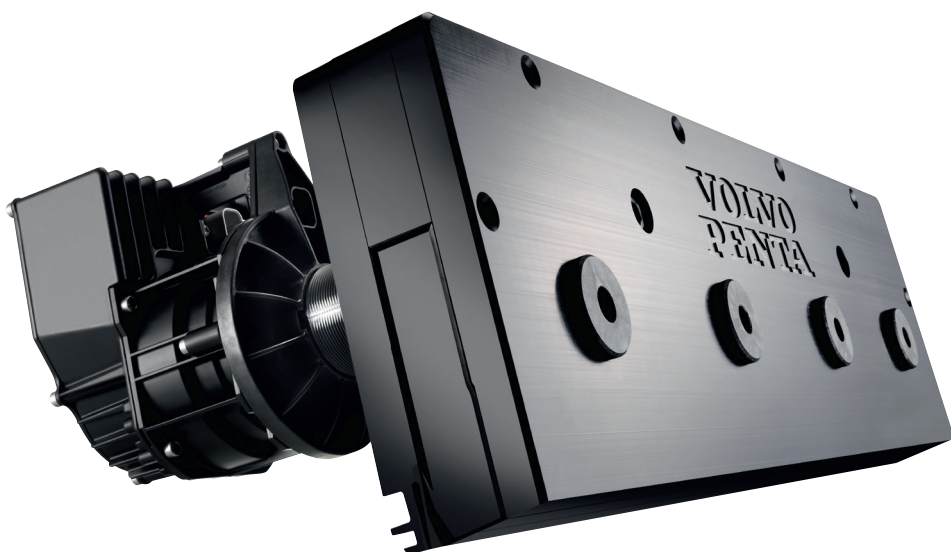
The robust interceptors are made from corrosion-free materials and require virtually no maintenance. The composite material will not cause any galvanic corrosion and does not require protective anodes that have to be replaced.

SELF-CLEANING MODE

The system will cycle into a self-cleaning mode which minimizes marine growth. The cycle consists of multiple full stroke activations while the boat is at rest. This will mechanically scrape off marine growth from the blades.

TRUE TURN

In Auto mode, the system is capable of adjusting the heel in a turn based on a predetermined value which depends on the boat model. This keeps the boat more upright in sharp turns and allows for a true turn, i.e. when people aboard feel no sideways forces during the turn. It creates a less dramatic and more comfortable boat behavior. This functionality (also called steering roll compensation) is available for IPS and Aquamatic applications with electronic steering.



TECHNICAL INFORMATION

Application	Planing or semi-planing boats with Volvo Penta engines
Boat sizes	40–100 foot
EVC generation	E2
Blade servo	Brushless, Capacity: full stroke in 2 seconds
Blade sizes	600, 750, 900 or 1050 mm (one or two pairs per boat)
Blade stroke	50 mm
Options	Manual or Auto mode + manual overlay control
Material	Composite material, no corrosion
Control panel	Trim buttons integrated in the top-mount engine control
Display	Information shown in the EVC display

Please contact your local Volvo Penta dealer for further information. Please note that products illustrated may differ from production models. Not all models and accessories are available in all markets, and standard equipment may vary between different markets. Every effort has been made to ensure that facts and figures are correct at the time of publication. However, Volvo Penta reserves the right to make changes without prior notice at any time.

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