

POWER FOR MARINE PROFESSIONALS



NO ROOM FOR COMPROMISES

WORLDWIDE SERVICE AND SUPPORT
INNOVATIVE MARINE POWER SYSTEMS

**VOLVO
PENTA**

AT THE FOREFRONT OF **MARINE**

COAST GUARD AND PATROL

SUPPLY VESSELS AND OFFSHORE ENERGY

SHORT SEA AND RIVER TRANSPORT

SIGHTSEEING AND PASSENGER TRANSPORT

WORKBOATS AND TUGS



DIESEL ENGINE DEVELOPMENT

Volvo Penta is the Volvo Group's marine specialist and acts as an independent supplier, supporting customers from the design stage to installation and aftermarket service.

Innovation and technical leadership are some of the hallmarks of the company, as recently demonstrated by the introduction of the leading pod system for planing hulls. Worldwide support is of highest importance, and Volvo Penta is represented by qualified dealers in more than 100 countries.

The Volvo Group is a **world leader in diesel engine technology** and one of the **world's largest producer of heavy-duty diesel engines**.

Volvo has extensive experience in electronic engine management, including a unique follow-up system for every delivered engine. The result is extremely efficient and reliable engines, delivering top-class performance over a very long service life.

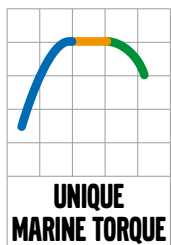
Volvo Penta's comprehensive 3-16 liter product range is designed and adapted to meet all kinds of customer needs, all over the world.

WORLD LEADERS



COAST GUARD AND PATROL

Volvo Penta engines and drive systems are famous for providing unrivalled acceleration and load-carrying ability. The secret is in the unique marine torque – another Volvo Penta hallmark.



High torque at low rpm gives you:

- Fast acceleration to plane.
- Massive maneuvering power.

At high rpms, full-throttle torque increases if the engine loses rpm:

- Efficient operating speed even in rough seas and with a fully loaded boat.

COMMON RAIL STERNDRIVE

The Volvo Penta line-up of diesel sterndrive packages is second to none. The common rail diesel engines are marine diesels, developed and produced by Volvo Penta only for marine applications.

The DPH Duoprop drive is the most robust and reliable sterndrive available anywhere. It is built to handle the torque and power of the engines and delivers outstanding efficiency at all speeds. Providing safe driving and maneuvering, even in rough sea conditions.



Performance and safe handling are absolutely crucial in demanding coast-guard and surveillance operations. Demands that have made Volvo Penta IPS and Duoprop sterndrive natural choices.



The pod and sterndrive both produce horizontal thrust for maximum efficiency. As the entire thrust is pointed in the desired direction, steering is very responsive.

OUTSTANDING EFFICIENCY AND MANEUVERABILITY

Volvo Penta IPS and Duoprop sterndrive are complete and integrated systems – from helm to props. Efficiency is around 30% better than with inboard shafts and waterjets, radically reducing fuel cost and exhaust emissions. The low fuel consumption and efficient service, in combination with off-the-shelf Volvo Penta parts, radically reduces the total cost of ownership. The joystick makes maneuvering and docking very easy. All kinds of maneuvers are possible: sideways, forward, reverse or even rotating.



SUPPLY VESSELS AND OFFSHORE ENERGY

Wind, oil or gas. In any offshore operation, Volvo Penta is present in multiple applications.

ATEX-certified engines for Zone 2 power equipment on rigs and platforms. The rescue and MOB boats are powered by Volvo Penta SOLAS-approved engines, while aboard larger supply vessels, Volvo Penta gensets provide the electrical power.

Every application is supported by the Volvo Penta dealer network. As an active partner, Volvo Penta dealers provide everything needed to meet the 24/7 demands of the industry.



CREW TRANSPORT

Volvo Penta IPS powers a number of service vessels used on offshore wind farms. In addition to providing exceptional operating range and drastically reducing fuel costs, benefits include:

High operating speed:

Takes the crew quickly to site.

Massive bollard pull:

Keeps the vessel safe against the tower.

Dynamic Positioning System:

Supports station-keeping, holding the vessel at its position.





RGY

SHORT SEA AND RIVER TRANSPORT



When operating in continuous service, reliability and low fuel consumption are essential.

Volvo Penta's extensive experience supports the operator in making the best propulsion choice. Emission demands are becoming ever more stringent: not only from governments, but also from clients and operators. In cooperation with the Volvo Group, Volvo Penta offers a complete product range to meet the most stringent emission demands – while still delivering optimized performance, low fuel consumption and excellent operational economy.

DIESEL ELECTRIC PROPULSION

Volvo Penta offers solutions for diesel electric propulsion based on multiple high-speed gensets, controlled by efficient onboard control systems.

Volvo Penta marine gensets are complete, classified and delivered with all necessary documentation and certificates. They are ready to interface with onboard power management systems (PMS) and the main switchboard.



SIGHTSEEING AND PASSENGER TRANSPORT

In every passenger operation, safety, reliability and uptime are key factors.

Volvo Penta cooperates with all the leading classification societies and offers fully classified engines and control systems.

Reliability is more than just hardware. Volvo Penta service dealers regularly perform maintenance, even complete repowering, throughout the night so as not to disrupt regular timetables. Downtime is not an option!

COMPETITIVE COMFORT

Volvo Penta is a leading supplier of engines to the world's most prestigious builders of leisure yachts. This has given Volvo Penta unique knowledge and competence in creating onboard comfort.

This knowledge is just as useful when designing the propulsion or electrical power generation for a passenger vessel. The increasing demands for lower noise and reduced pollution are easily fulfilled.



WORKBOATS AND TUGS

Volvo Penta is a long-time supplier of engines for heavy-duty applications.

Durability is a key factor, and the Volvo base engine – produced in ultra-modern factories, thoroughly tested and quality-assured – truly lives up to this requirement.

Low fuel consumption, long service intervals and easy service are other reasons why Volvo Penta engines deliver low cost of ownership.

ELECTRONIC EXPERIENCE

Electronically controlled engines are the future of heavy-duty applications at sea.

Volvo has unique experience in electronic engine management, with millions of trucks, buses, construction machinery plus industrial and marine engines running with Volvo's electronic engine management system.



STAY AHEAD



Volvo Penta engines are designed for long-term performance. With scheduled preventive maintenance, you get engine reliability and operating security for many years. As a Volvo Penta owner, you have a comprehensive package of service solutions available to suit your needs.

By always using an authorized Volvo Penta dealer as well as genuine Volvo Penta parts, you are protecting your investment, securing uptime and avoiding unplanned stops. A single contact for everything, available in more than 100 countries. **A global dealer network** handles product support, warranties, preventive maintenance, service agreements and more. Genuine Volvo Penta parts are readily available, thanks to the strength of the Volvo parts distribution network.

With innovated engineering, new materials and techniques, **genuine Volvo Penta parts** are constantly being developed and updated. This means that your Volvo Penta engine will not only keep its high performance, but will also improve with every service or repair.

Find your nearest service dealer at
www.volvopenta.com



INVEST IN UPTIME

Advanced technologies, high quality and long-term performance are reflected in Volvo Penta's renowned reputation. Volvo Penta products are based on uncompromising durability and reliability. We have the knowledge and long experience that you have come to expect from us.

Scheduled maintenance and preventive repairs will keep you from unnecessary and expensive downtime. Protect your investment and enjoy problem-free and safe operation. **Genuine Volvo Penta Parts** and **Volvo Penta Service Agreement** are your guarantees of long-term performance!



Four levels of service agreements designed to give you safer and easier ownership.

The Volvo Penta **White agreement** is a program of regular engine inspections carried out by the experts – technicians trained by Volvo Penta. The **Blue agreement** adds preventive maintenance, software updates and the option of maintenance for additional equipment. The **Silver agreement** adds repair and also total flexibility in the way the program is tailored to your individual needs, including spreading the costs to reduce impact on cash flow. The **Gold agreement** is a fixed-cost, full-service agreement for complete peace of mind as to the availability of your Volvo Penta engine and equipment.

VOLVO PENTA



VOLVO PENTA



VOLVO PENTA



VOLVO PENTA



The Volvo Penta service agreement program is currently being rolled out across Volvo Penta's global network of distribution and service. Please contact your local dealer for more information about this program in your region.



THE VOLVO PENTA GREEN COMMITMENT

Reducing environmental impact is a global challenge. As industry leaders in engine power, our commitment includes:

- State-of-the-art engines that deliver more performance and less environmental impact.
- Revolutionary propulsion systems that offer better efficiency for dramatic cut in CO₂ emissions.
- Manufacturing in environmentally certified world-class production facilities.

Green is more than a color - it's a commitment!



VOLVO PENTA

www.volvopenta.com