

VOLVO PENTA MARINE COMMERCIAL POWER



PREMIUM PERFORMANCE

FOR MARINE PROFESSIONALS

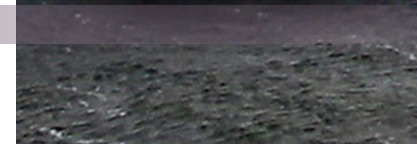
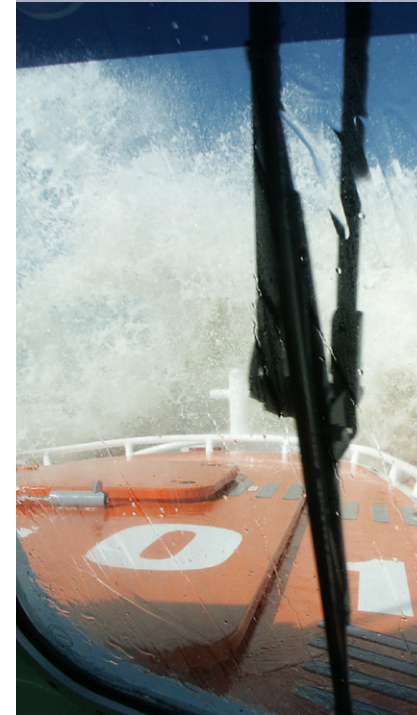
**VOLVO
PENTA**

BUSINESS SOLUTIONS FOR **MARINE PROFESSIONALS**

As part of the Volvo Group – a world leader in diesel engine technology and one of the world's largest producers of heavy-duty diesel engines – Volvo Penta provides power solutions for marine professional customers all over the world.

Regardless of application, we offer you support throughout the product lifecycle – from the design stage to full time operation. All from one global company with a strong local presence.

We offer you solutions that are sustainable both from a business and an environmental perspective. This enables us to support your operations with uptime and superior cost of ownership.





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IT'S ALL ABOUT **UPTIME AND COST OF OWNERSHIP**

We aim explicitly at creating value for you as our customer – business solutions that are profitable in the long term.

We provide fuel-efficient and reliable power systems – the very key to excellent operational economy – based on the Volvo core values, leading-edge technology and experience.

Our global network of dealers provides reliable support for your operation. The Volvo global parts logistics network provides rapid parts deliveries. With scheduled maintenance and professional support your uptime is secured and – not least – makes your operations more predictable.

Linked together in the value chain, our unbeatable power solutions and services minimise your total cost of ownership and build your long-term profitability.

**SAFETY, QUALITY,
ENVIRONMENTAL
CARE** >

**VOLVO GROUP
TECHNOLOGY** >

**APPLICATION
ENGINEERING** >

**PREMIUM PRODUCT
QUALITY**



OPTIMAL UPTIME



SUPERIOR TOTAL COST OF OWNERSHIP



ENVIRONMENTAL SUSTAINABILITY



LONG-TERM PROFITABILITY

ONE-COMPANY SIMPLICITY



AFTERMARKET SERVICES

- **GLOBAL DEALER NETWORK**
- **GLOBAL PARTS LOGISTICS**
- **GLOBAL SERVICE & SUPPORT**

TOTAL COST OF OWNERSHIP

Fuel consumption is the single most important driver in your operational cost. That is why operators all over the world have selected Volvo Penta power system solutions. They are perfectly adapted to heavy-duty service in marine environments; fuel-efficient and reliable engines with optimised propulsion systems.

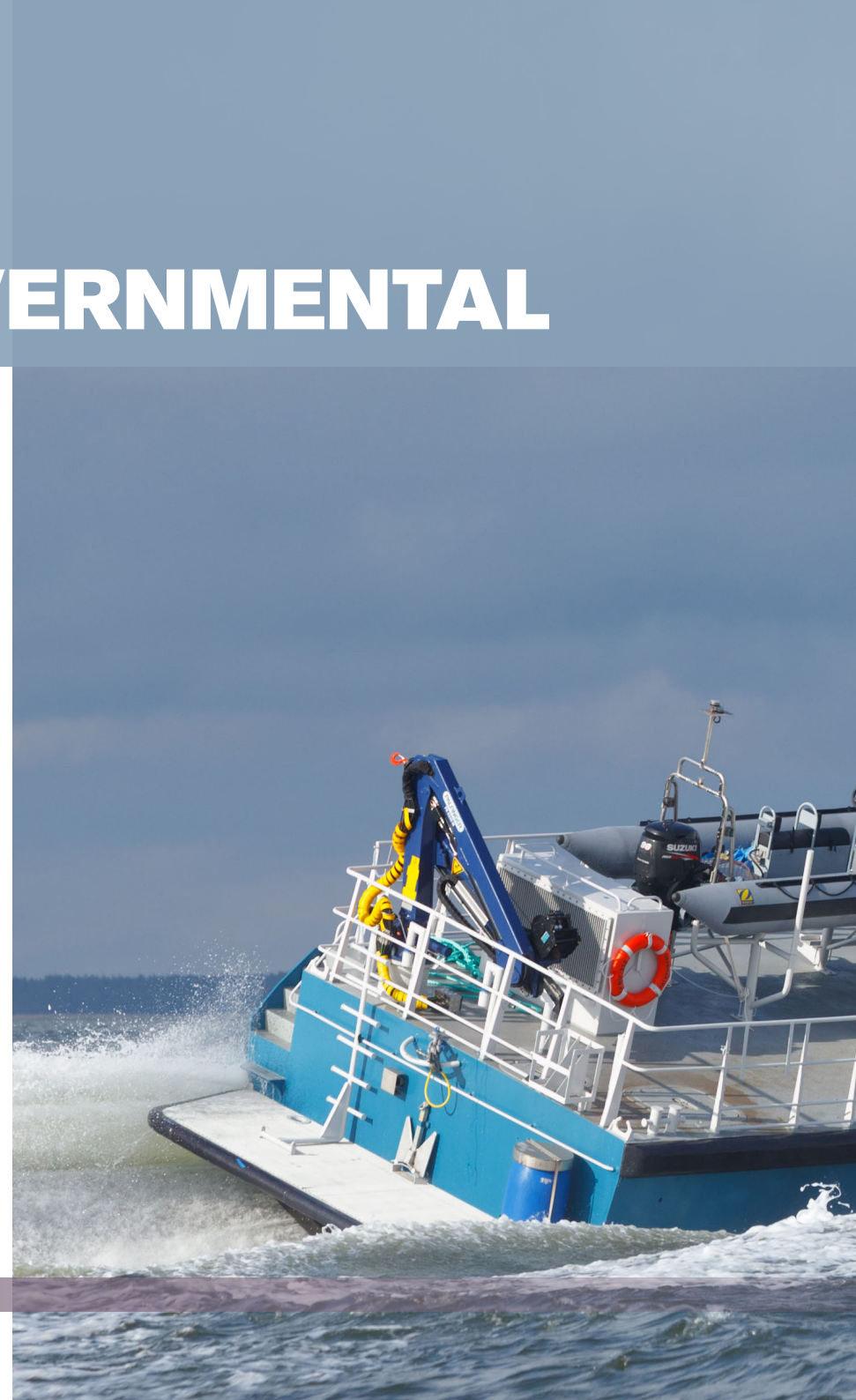
COAST GUARD AND PATROL / GOVERNMENTAL

Performance and safe operations. Every day, every week, every year. That is why we consider high performance, fuel efficiency and minimal environmental impact as vital power system properties.

Our passion for propulsion efficiency drives innovation to maximise performance and manoeuvrability to provide you with the reliable power required in your daily operations.

Our application and technical support are always at your service; to find the right power system solution that will secure your performance and keep your cost of ownership to a minimum.

Together with our marine expertise and dedicated global resources we build a long-term business relationship based on trust – a committed partner in your operation.





UPTIME IS SECURED

Volvo Penta IPS and Aquamatic sterndrive are complete and integrated systems – from helm to prop. With matched engines, gearboxes, propellers and control systems, the reliability and durability of the complete driveline are secured. In combination with the highest propulsion efficiency in the market, this reduces the total cost of ownership dramatically.

SUPPLY VESSELS AND OFFSHORE ENERGY

Boarding a pylon in rough sea, keeping on-board power running or securing a safe crew transit. No matter the operation, it is all about uptime. 365/24/7.

Product quality has been a Volvo Penta hallmark for decades and as our customer you can expect reliable performance and long life from our green diesel engines. Their unbeatable fuel efficiency will make your operations more cost-effective – and at the same time minimise the environmental impact.

The heavy-duty Volvo Penta propulsion systems give you unique marine torque, high speed and excellent manoeuvrability, also in rough seas, combined with low noise and vibration levels for outstanding working comfort. In short: Power for marine professionals.



SAFE LOADING

The Volvo Penta complete power system solution, from helm to prop, creates the high bollard thrust necessary for safe loading and offloading of equipment and service technicians at offshore sites and harbours.



READY FOR ACTION

State-of-the-art engine technology featuring high power density, low fuel consumption, outstanding marine torque and load acceptance – controlled in every split second by the Volvo electronic management system. All developed, manufactured and serviced by one company.

SHORT SEA AND RIVER TRANSPORT

We understand the importance of offering superior reliability in your services. And when keeping the time schedules is an absolute necessity, the reliability of the vessel engines play a crucial role.

With engine uptime as the key to success, the premium product quality built into Volvo Penta power systems is your best guarantee for reliable performance and maintained uptime.

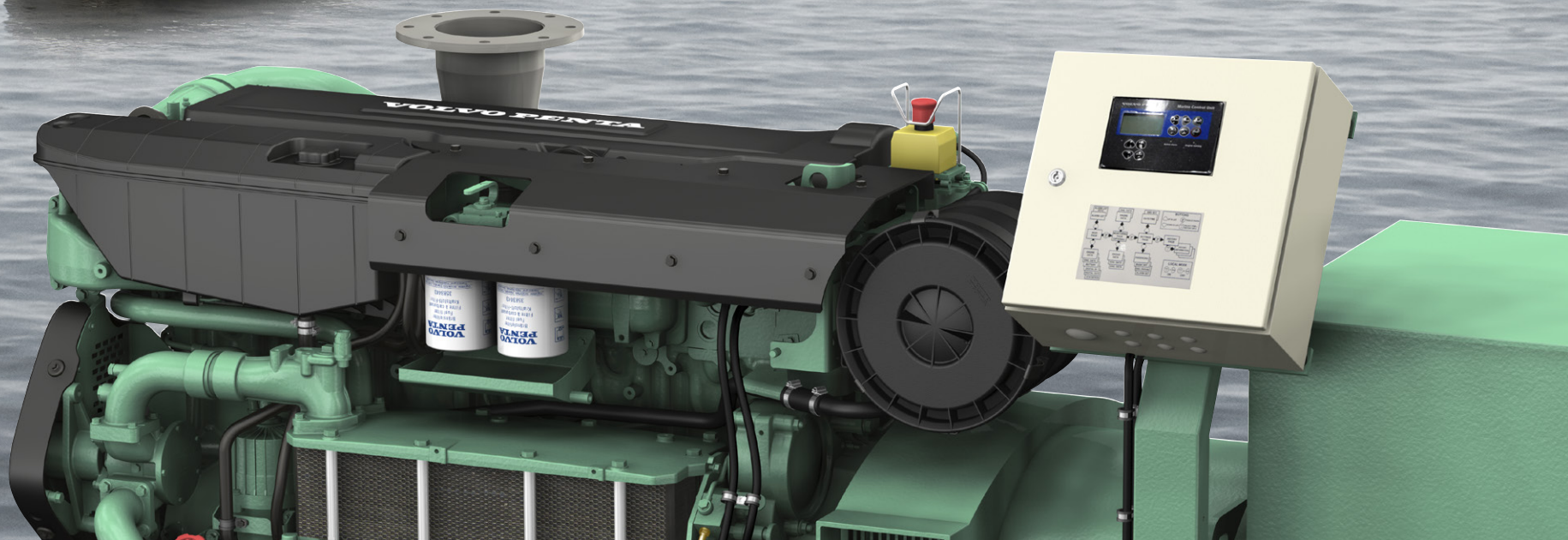
But there's more to successful business in river and sea transports; the fuel-efficient Volvo Penta engines will minimise both your fuel consumption and environmental impact – and reduce your total operational cost.

MULTIPLE INSTALLATIONS

Volvo Penta engines and complete marine gensets are also used frequently in diesel-electric operations. Compact and easy to install, they can, in multi-engine combinations, be used step by step to optimise engine load in upstream and downstream operations, keeping the fuel consumption and the engine running hours – and the total cost of ownership – at the lowest possible levels.

OPTIMISED INSTALLATION

The power system design for inland water way vessels can vary widely. But thanks to Volvo Penta's extensive experience from a wide variety of green applications, your power system installation can be optimised depending on your operating conditions and requirements.



PASSENGER TRANSPORT

When it comes to passenger safety – there is no room for compromise. You must be able to rely on the performance of your engines. We understand that high engine reliability is a prerequisite to keep your scheduled uptime.

When you look at the engine properties of a Volvo Penta diesel, you will find the qualities that make them perfect for passenger transport applications. Their unique marine torque makes for rapid and exact manoeuvres – which saves time at docking – and reduces your turnaround time.

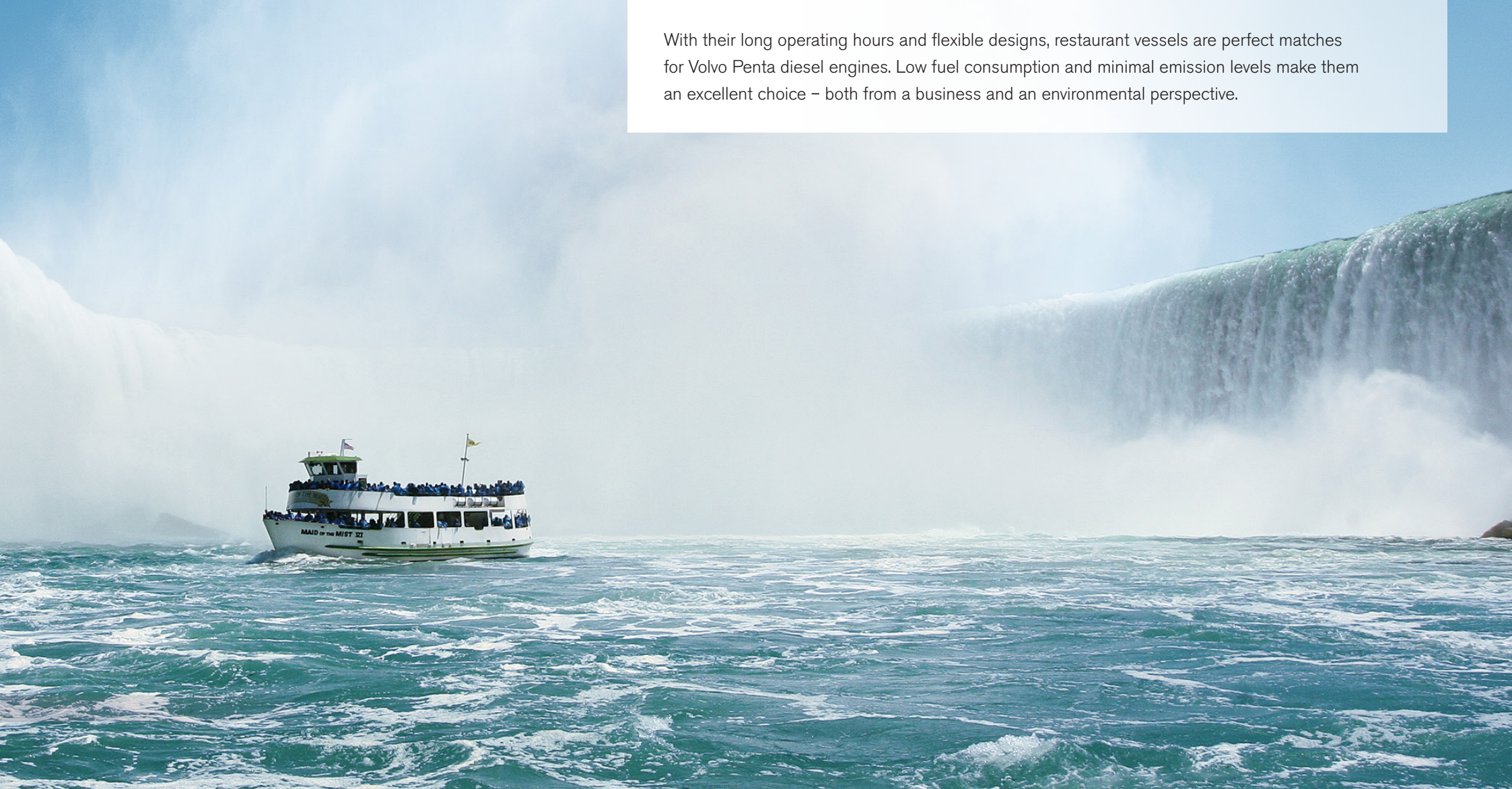
The compact power system design leaves room for extended passenger space and the low noise and vibration levels increase passenger comfort. Even more important is the excellent fuel efficiency that will keep your operating costs – and environmental impact – on very low levels.





A PERFECT MATCH

With their long operating hours and flexible designs, restaurant vessels are perfect matches for Volvo Penta diesel engines. Low fuel consumption and minimal emission levels make them an excellent choice – both from a business and an environmental perspective.



WORKBOATS AND TUGS

When pushing a river barge or towing a vessel back to shore, we understand uptime is each operator's first priority. The Volvo Penta marine engines' heavy-duty design and unique marine torque make them perfect for demanding workboat and tug applications. Proven reliability combined with proven fuel efficiency will give you maximum vessel uptime and minimum total cost of ownership.

The environmental properties are yet another reason for you as operator to favour Volvo Penta engines.





UNBEATABLE

Volvo Penta offers a perfectly adapted engine range for tugs and workboats – each engine with unique marine torque. With its outstanding fuel efficiency and durable performance, the D13 engine stands out, approved by all major classification societies.

Volvo Penta also offers highly efficient power solutions for diesel-electric propulsion – based on multiple high-speed gensets and controlled by fully class-approved control systems for all auxiliary needs.

ENVIRONMENTAL LEADERSHIP



High engine performance and reduced environmental impact must go hand in hand. Every new Volvo Penta engine is competitive in both aspects. Our engineering experts continuously strive to optimise fuel economy and, at the same time, reduce the environmental impact to a minimum. This way we have made fuel efficiency our hallmark.

Reducing engine emissions is a long-standing ambition at Volvo Penta, not only due to legislation, but because environmental care is one of our core values and vital both to our customers and us.

Through the years, we have set an example with a number of products and solutions with an explicit environmental focus and we are continuously looking into future products and solutions.

By working in close cooperation with our partners and customers, we will remain in the forefront of technological and environmental development today, tomorrow and in the future.



**VOLVO
PENTA**

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