

# Chris-Marine® Launches PSL Portable Surface Lathe for Precision Sealing Surface Machining

MALMÖ, SWEDEN, December 22, 2025 /EINPresswire.com/ -- Chris-Marine announces the launch of the PSL Portable Surface Lathe, a high-precision solution designed for efficient sealing surface machining both in-situ and in workshops ashore.

Developed for small and medium bore diesel and gas engines, the PSL offers fast set-up, easy mounting and precise alignment, all operated by a single technician. Its compact, robust design and electrically driven system enable reliable in-situ machining while significantly reducing downtime and operational costs.

"With the PSL Portable Surface Lathe, we deliver a high-precision solution that simplifies sealing surface restoration for small and medium bore engines, both in-situ and in workshops worldwide," said Leif Abildgaard, Chief Commercial Officer, Chris-Marine AB. "By enhancing engine reliability and reducing downtime, the PSL supports cost-efficient maintenance and the industry's move toward more sustainable operations."

The PSL restores sealing surfaces with a concentric sealing pattern, ensuring optimal pressure sealing and effectively eliminating gas leakage. This concentric finish provides a clear advantage over traditional grinding and milling methods, which cannot achieve the same level of sealing integrity.

With an operating range of 190-600 mm, the PSL is suitable for machining sealing surfaces on engine frames, cylinder heads and cylinder liners. Features such as dual-direction feed, reduced machining time and a stepless adjustable control unit ensure consistent, repeatable results across a wide range of applications.

Developed in accordance with requirements from major engine designers, the PSL meets industry standards for compliance, precision and long-term engine reliability.

By enabling high-quality sealing surface restoration without the need for outsourcing, the PSL supports cost-efficient maintenance, sustainable engine operation and maximum engine availability.

For more information, please visit:

<https://chris-marine.com>

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For more than six decades, Chris-Marine has designed, manufactured, and sold engine maintenance equipment for all types of reciprocating engines and special applications. Our machines are renowned for their operator-friendly design and high quality. We are also developing advanced vessel performance and monitoring products to help improve operational efficiency and promote sustainability in the maritime industry. With a global presence and a commitment to innovation, we offer comprehensive engine care solutions under our strong brands Chris-Marine®, Obel-P®, and LEMAG®.

Chris-Marine's headquarter is situated in Malmö, Sweden, with production facilities in Malmö and in Brøndby, Denmark (IOP Marine).

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