

Driving Industrial Evolution

Company Profile Torishima Service Solutions Thailand



Torishima Service Solutions Thailand

Torishima Service Solutions Thailand was established in **2016** to provide aftermarket pump maintenance services to leading factories in Thailand and to serve as a dedicated service hub for Southeast Asia.

As a subsidiary of Torishima, our core mission is to **maintain customer trust and deliver the highest level of service**. We believe that sustaining customer confidence is the key strategy for successful business management.

Our team in Thailand is committed to offering reliable and professional service, helping customers keep their operations running smoothly while upholding **Torishima's global standards of quality and excellence**.

Samut Prakan - Workshop



Rayong - Workshop



Engineered Solutions Provider

Our main objective is to provide comprehensive solutions that benefit our customers in multiple aspects:



Optimising Efficiency

We work to improve our customers' operational efficiency, ensuring optimal performance of their assets.



Reducing Energy Consumption

We develop solutions that minimise energy consumption, contributing to a more sustainable and economical operation.



CO2 Reduction

We are committed to reducing our carbon footprint through advanced technologies and responsible practices.



Mean Time Between Failure

We develop equipment that meets specific process requirements, improving reliability and extending system life.





Overhauls & Refurbishment

Using OEM-approved procedures and precision engineering, we restore pumps and rotating equipment to original, or improved, performance.

Services include inspection, component repair or replacement, dynamic balancing, and hydraulic restoration, ensuring reliability, efficiency, and extended service life while minimizing unplanned downtime.



Upgrades & Retrofits

Hydraulic and mechanical enhancements extend equipment life, reduce energy consumption, and improve mean time between failures. Upgrades are designed to integrate seamlessly with existing systems, adapting pumps to evolving process requirements while maximizing operational efficiency.



Lifecycle Support & Site Services

OEM-trained engineers provide on-site support for installation, commissioning, troubleshooting, vibration analysis, condition monitoring, and performance testing. These services optimize operation, reduce downtime, and maintain the integrity and efficiency of critical assets throughout their lifecycle.

Torishima Service Solutions Thailand offers Long-Term Service Agreements (LTSA) for ongoing maintenance and expert support, ensuring reliable performance and extended asset life.



Spare Parts

We supply genuine or fully compatible parts manufactured to OEM standards, using 3D reverse engineering and Positive Material Identification (PMI) where needed. Parts are inspected and available with short lead times, ensuring reliability, system compatibility, and support for both planned maintenance and urgent repairs.

Monitoring, Diagnostics & Reliability

Torishima Service Solutions offers advanced monitoring, diagnostics, and reliability services to maximize the performance, efficiency, and lifespan of rotating equipment.

By continuously assessing machine health, we help prevent failures, optimize maintenance schedules, and ensure your operations run smoothly and safely.

Capabilities

Condition Monitoring

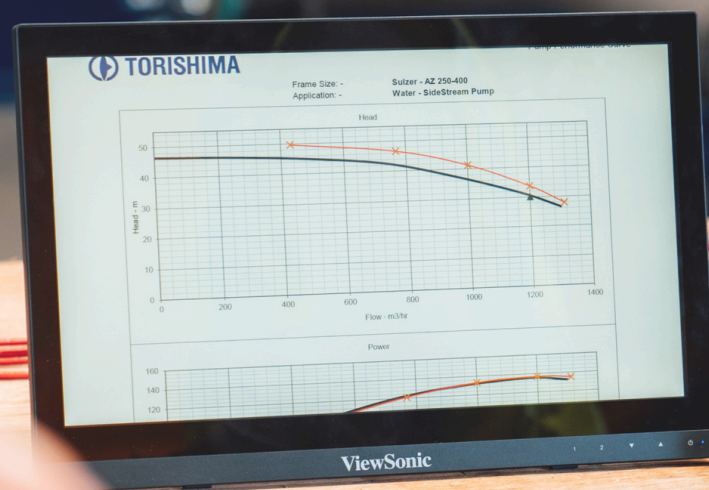
1. Oil Debris Analysis
2. Vibration Testing & Analysis
3. Laser Alignment
4. Thermal Imaging
5. Thermometric Pump Testing

Vibration & Reliability Services

1. Health and Performance Checks
2. Predictive Diagnostics
3. Imbalance & Misalignment Correction
4. Bearing and Component Integrity
5. Flow and Performance Optimization

Advanced Diagnostics - IoT vibration monitoring solution

Torishima's TR-COM rotating machinery monitoring system uses IoT technology to provide enhanced support for the operation and maintenance of pumps and other rotating machinery. Utilizing IoT sensors to measure machine vibrations makes it possible to detect signs of a potential malfunction, allowing early action to be taken to prolong the healthy lifespan of the machinery





REDU (Re-Engineering and Design Upgrade) is Torishima's unique engineering approach to restore, optimise, and extend the life of pump equipment. By re-examining specifications, upgrading materials, and refurbishing or replacing worn components, REDU not only reproduces original performance but can often enhance it.

Developed through decades of pump engineering expertise, REDU addresses common operational challenges such as efficiency loss, long lead times for replacement parts, and rising operating costs. The result is improved reliability, optimised performance, and long-term value across the entire pumping system.

Using 3D measurement technology, reverse engineering, and advanced design tools such as CFD and FEA, we precisely assess component geometry, material behaviour, and hydraulic performance. This enables the development of upgraded designs that resolve specific performance issues, improve durability, and ensure long-term reliability across a wide range of pump applications.



Mechanical Seal Services

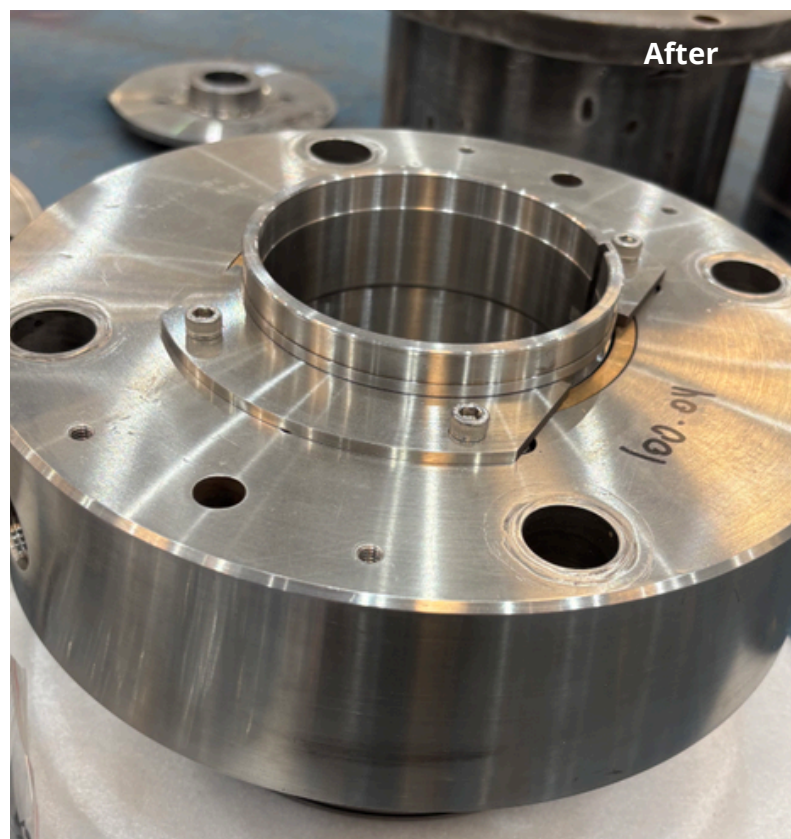
Torishima is not only a pump manufacturer but also a mechanical seal specialist with over 60 years of experience, producing seals for both Torishima and other brand pumps. Our deep understanding of seal performance ensures reliability and efficiency across your pumping systems.

Seal Repairs & Refurbishment

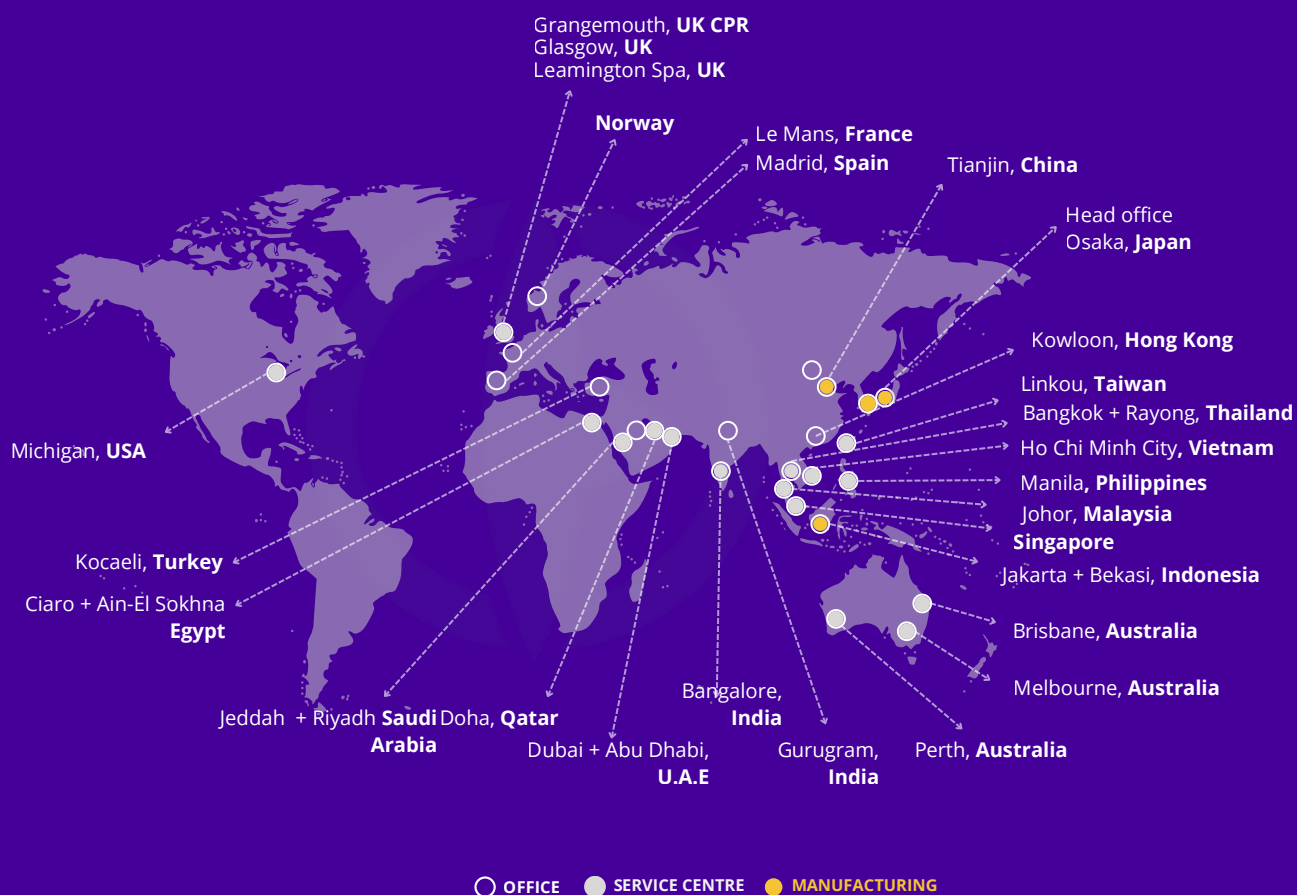
Our service teams inspect all seal components for wear, critical tolerances, and potential failure modes. Reusable parts are re-lapped, while O-rings, springs, and fasteners are replaced. The result is a repaired seal that performs virtually as new, maximising asset life and minimising downtime.

Upgrades & Retrofits

We provide conversions from gland packing to mechanical seals, seal type upgrades (single to double, component to cartridge), and retrofits for Torishima and non-Torishima seals. Each project includes careful evaluation of pump operating conditions to ensure optimal seal selection, materials, and support systems, delivering enhanced reliability and performance.



Our Global Network





Evolving to Meet the Demands of an Ever-Changing World.

Innovative Systems Solutions Coupled with Expertise in Pumping Technology

Our two main business streams, Pumps Sales and Service Solutions, offer an innovative approach to the supply of new pumping units as well as the repair and upgrade of rotating equipment in different markets.

In addition, our aim to offer the most efficient and innovative technology is linked to Torishima's business philosophy of providing carbon neutral solutions by maximising efficiency, reducing maintenance costs and conserving energy in all applications, thus meeting another of our key objectives, the reduction of CO2 emissions.

Contact Us - Thailand

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