

Services Overview

Service Solutions on a Global Scale



Overhauls & Site Services

As a market leader, we deliver expert overhauls and on-site solutions for rotating and static equipment, including pumps, compressors, and valves.

Our services include:

- Equipment refurbishment (Torishima & other OEMs)
- Installation, commissioning & maintenance
- 24/7 emergency support
- Technical assessments & diagnostics
- Roto-dynamic & performance analysis
- Vibration monitoring
- Long-term service agreements with lifetime warranty



Replacements & Upgrades

From replacing outdated and inefficient pumps to upgrading underperforming systems, we offer cost-effective, engineered solutions to enhance reliability and performance.

Pump Replacements:

- New pumps with improved hydraulics to reduce energy consumption
- Designed to fit existing pipework, foundations, motors, and controls
- Full system analysis for seamless integration
- Turnkey supply with experienced project execution

Upgrades & Retrofits:

- Performance and material upgrades
- Wear-resistant, efficiency-enhancing coatings
- Site surveys and system analysis
- Pump rerating using existing components and drivers



Spare Parts & Services

Whether you're facing part availability challenges or need expert workshop support, our solutions are designed to minimise downtime and extend equipment life.

Spare Parts:

- OEM-quality parts with full inspection
- 3D modelling & PMI capability
- Stocked materials for faster turnaround
- Mechanical seal refurbishment or replacement
- Backed by the Torishima warranty

Technical & Workshop Services:

- Overhaul, repair & balancing
- Shaft straightening & NDE
- Fabrication, welding, machining & testing
- In-house training for site teams



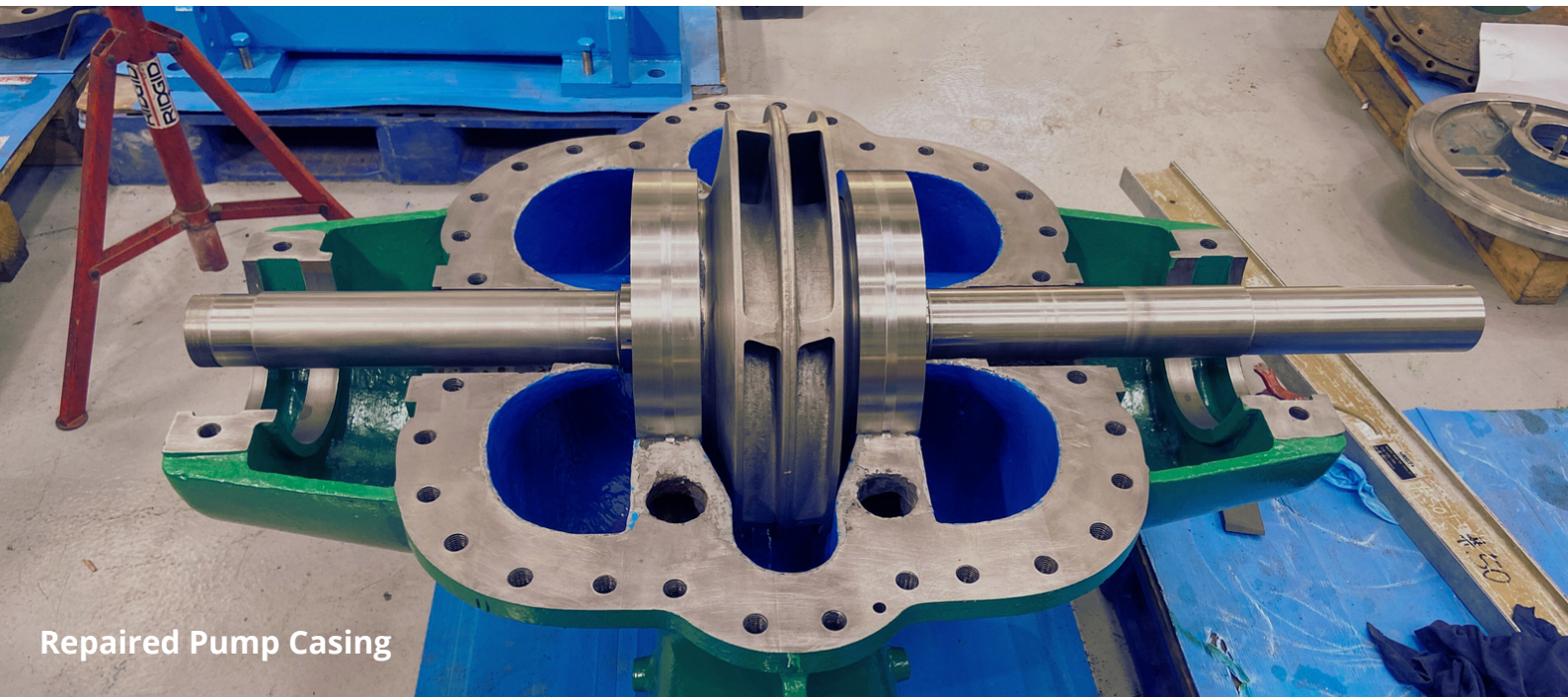
Case Study

A real-world example of how Torishima's upgrade solutions restored performance, improved reliability, and extended the life of essential plant equipment.

Failed Pump Recovery



- **Issue:**
 - Cracking, vibration, cavitation, pump failure
- **Solution:**
 - Material upgrades
 - Vibration eliminated
 - Performance restored using original motor and static parts



Repaired Pump Casing

Inspection & Maintenance

Routine inspection and maintenance services that detect issues early, extend asset life, and optimise reliability.

- Clearance Measurement: Evaluate for wear and potential failures
- Run-Out Inspection: Check shaft alignment and tolerances
- Surface Checks: Assess balance disk, bearings, thrust collar, etc.
- PT Inspection: Identify surface flaws or cracks
- Cleaning & Corrosion Removal: Restores performance and reduces energy use
- Parts Repair: Casing lapping, seal face re-lapping, component replacement
- Overhaul & Balancing: Full teardown and dynamic rotor balancing
- Air Pressure Testing: Verifies casing integrity after lapping



Other Services

Oil & Gas Equipment (API 6A, 16A, 16C)

- Christmas Trees, Loose Valves, Flanges, Adaptors, Spools, Crossovers

Chemical Injection & Transfer Skids

- Custom-built dosing skids (e.g. alum, sulphuric acid, ferric chloride)
- Flushing skids, dust suppression, crude oil transfer units

API 610 Pump Packages

- Full manufacturing, testing, and commissioning
- Covers types OH1-5, BB1-5, VS1-VS7
- Overhauls and spare part replacements

Dewatering Pump Sets

- Diesel & electric, self-priming designs
- High-efficiency models with smart control panels
- Annual maintenance contracts available

Mechanical Seal Services

- Quick, reliable repairs to OEM standards
- Preventative diagnostics & issue resolution tools

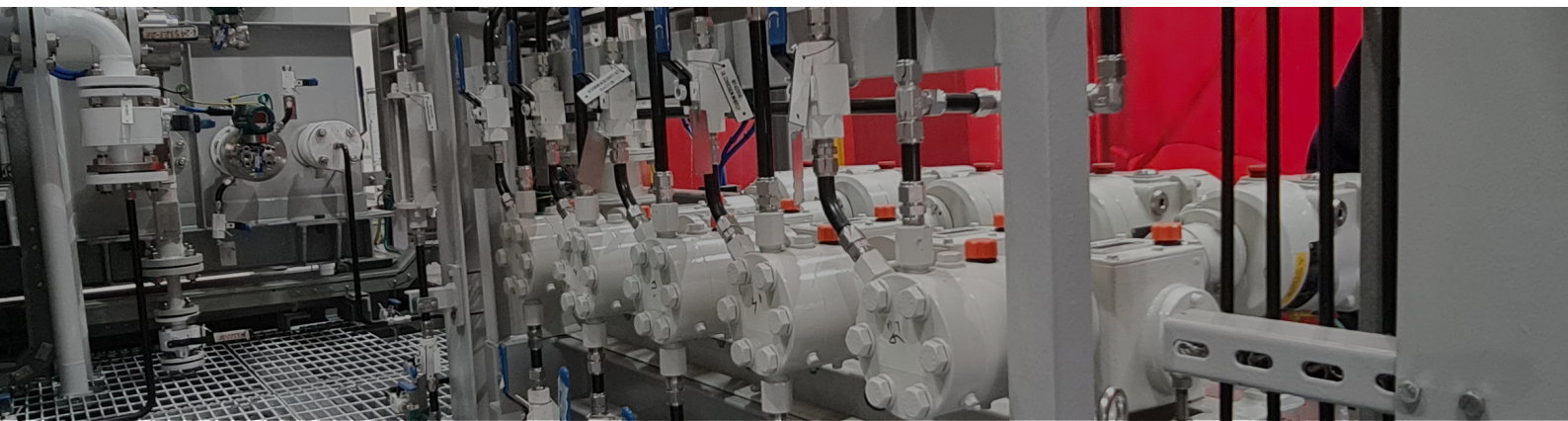




Dewatering Solutions

Torishima Service Solutions offers a comprehensive range of diesel and electric-driven dewatering pumps engineered for demanding environments. With smart features and fast availability, our solutions are built to perform and easy to support.

Backed by decades of engineering experience, our in-house team delivers complete dewatering solutions - from initial design and fabrication to onsite commissioning. We provide expert support throughout the project lifecycle.



Engineered Skid Packages

As a leading provider of integrated surface preparation and coating services, our experience allows us to precisely define a customised solution that best suits the customer's needs in different industries.

Based on our expertise in surface engineering and Advanced Polymer Technology, we can extend the life of equipment by effectively combating abrasion, erosion, corrosion and chemical attack.



API Oil & Gas Equipment

Across our network of workshops, Torishima Service Solutions mechanical services are available to carry out any in situ repairs, as well as inspections, overhauls and installations on a host of equipment, both rotating and static, across various industries.

Our engineering staff are specially trained to handle repairs and overhauls of pumps, motors, compressors, gearboxes, steam/hydro turbines, heat exchangers, fans, mechanical seals and valves.



Advanced Diagnostics

Our tailored service packages keep your rotating equipment performing at its best. From essential health checks to in-depth monitoring and engineering studies, we provide the insight and expertise you need to optimise performance.

Our advanced diagnostics quickly detect and resolve common mechanical issues, such as bearing defects, imbalance, misalignment, bent shafts, and lubrication problems - helping you prevent failures, reduce downtime, and extend equipment life.



Driving Industrial Evolution

Our History

Torishima Service Solutions operates as a subsidiary of Torishima Pump Manufacturing Co. Ltd, founded in 1919, Osaka, Japan. We have service centres across: Japan, Europe, Asia, Australia, USA and the Middle East

Renowned for our expertise, we provide world-class engineering solutions, specialising in pumps and rotating machinery, oilfield equipment, dewatering pumpsets, chemical injection and dosing packages and API & non-API centrifugal pump packages throughout the Middle East.

Our Vision

To deliver world-class service solutions that maximise the life span and efficiency of plant equipment - powered by teamwork, professionalism, and innovation.

Contact us - ME

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