Business Domains

High Tech Pumps
Manufacture and supply of high-efficiency, high value-added pumps

Renewable Energy & Environment
- Wind power generation
- Mini- & Micro-hydro generation

Projects
Supply EPC (engineering, procurement, construction) for turnkey pumping stations

Service Solutions
- Operation & Maintenance
- Pump overhaul repair
- Spare parts supply
- Pump inspection & testing
- REDU (Re-Engineering & Design Up)

High Tech Pumps
Provide high efficiency and reliable engineered pumps.
Torishima supplies highly engineered pumps for a wide range of applications such as power plants, seawater desalination plants, water and wastewater pumping stations, and general industries. We continually revise and improve our technology to meet our customers' needs.

The Eco-Pumps that drastically reduce power consumption and CO₂ emissions in the plant.
More than 90% of a pump's Life Cycle Cost (LCC) is from electricity consumption, which means that reducing its consumption leads to a big reduction in the total operational cost of a plant. Subsequently we developed the “Eco-Pump”, utilizing our expertise in hydraulic engineering to produce high-efficiency pumps. In addition, we launched energy efficiency initiatives “Go Green with Pumps”, reducing power consumption and CO₂ emissions in the plant.
Torishima pumps sustain modern life everywhere.

Projects

Torishima has well proven expertise and experiences as EPC contractor.

Not just a pump supplier, Torishima has a long history of supplying pumping stations. We have been providing a turnkey service to our customers where we can design, engineer, procure, construct and commission all the equipment within a pumping station.

Stormwater drainage pumping station (Japan)

River drainage pumping station (Japan)

Irrigation pumping station (Japan)

Cooling water pump for power plant (Vietnam)

Potable water transmission project (UAE)

Surge vessels for water transmission pumping station (UAE)

Sewage treatment scheme (Hong Kong)

Water supply pumping station (Qatar)
**Service Solutions**

Maximize the life span of plants with integrated service solutions.

Torishima is committed to provide the highest quality aftermarket services. Our innovative solutions can enhance performance and increase the life span of pumps. This allows operators to maximize efficiency, reduce maintenance costs and conserve energy.

- Overhaul service
- Inspection of pumping equipment
- SO scanning of casing
- Operation of pumping station

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**REDU (Re Engineering and Design Up)** service provides a review of pump specifications and lengthening the useful lives of pumps with the latest technology.

- Hydraulic Parts Upgrade in case of a brine recirculation pump
- Existing pump
- Pump performance decreased due to vibration and crack in casing caused by cavitation
- Upgraded hydraulic parts
- Dramatically improved by REDU!
- Decreased plant operation
- Increased plant operation

Expanding our service center network to support all of our customers around the world

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**Renewable Energy & Environment**

Promote the use of renewable energy for eco-friendly future.

Torishima provides total engineering from design, installation to maintenance for wind power generation system as well as reverse-rotated pump water turbines. We are committed to creating an eco-friendly and sustainable society by promoting effective use of renewable energy.

- 1,500kW wind turbine
- 100kW wind turbine
- Maintenance of wind turbine
- Reverse-rotated pump water turbine
Innovative solutions coupled with expertise in pumping technology

Founded in 1919 in Osaka, Japan, TORISHIMA have developed into a leading pump manufacturer supplying centrifugal pumps to a wide range of applications. TORISHIMA are an engineered pump company committed to providing innovative and reliable pumping solutions to a number of key markets worldwide. Our main markets are:

- Power Generation
- Desalination
- Water Transmission
- Wastewater Projects
- Industrial Plants
- Renewable Energy

TORISHIMA will continue to develop and improve our products and services to meet the demands of our customers.

**Corporate Data as of March 31, 2016**

- **Company name**: TORISHIMA PUMP MFG. CO., LTD.
- **Foundation**: August 1, 1919
- **Paid-in capital**: JPY 1,592,775,030
- **Employees**: 1,547 (consolidated) / 824 (non-consolidated)