



Founded

February 22, 1949

ISO Certification Acquisition

ISO 9001 Quality management system

ISO 14001 Environment management system

Location



Head Office



Tokyo Branch Office



Sasakura Technoplaza



Takejima Works



Utajima Works



Onoda Works

[Related Company]

Sasakura Service Center Co., Ltd.
Sasakura Acoustic Engineering Co., Ltd.

PT.Sasakura Indonesia(Indonesia)
Sasakura Middle East Company(Saudi Arabia)
Sasakura Taiwan Co., Ltd.(Taiwan)
Sasakura Shanghai Co., Ltd.(China)

[Related Organizations]

Sasakura Enviro-Science Foundation



Explanation of Symbol (Trade Mark) of the Company

This Symbol represents "the earth full of water and green", which symbolizes Sasakura's long years of commitment to the protection of the environment of the earth. The capital letter "S" from the name of the company, is located in the center of this mark. The earth is represented by two human shapes of blue and green, which implies the interrelation between the earth and human being. The revolving of the earth gives the image of everlasting development and the harmony of human shapes imply the company, which promotes the betterment of the environment of the earth and develops as a company which is highly respected in the society. This Symbol was designed with the expressed wishes and expectations of us all.

SASAKURA

COMPANY PROFILE

SASAKURA ENGINEERING CO.,LTD.



Ever since our founding in 1949 we have firmly followed a corporate philosophy of contributing to society. Ever since our founding we have been an enterprise fully committed to technological development, possessed of a vigorous engineering orientation and adhering to a bold pioneer spirit. We carry out research and development on a global scale for products such as marine equipment, desalination plants, evaporating concentrators, air-cooled heat exchangers and environmental protection devices, and we have earned the reputation of being global leaders in all these fields.

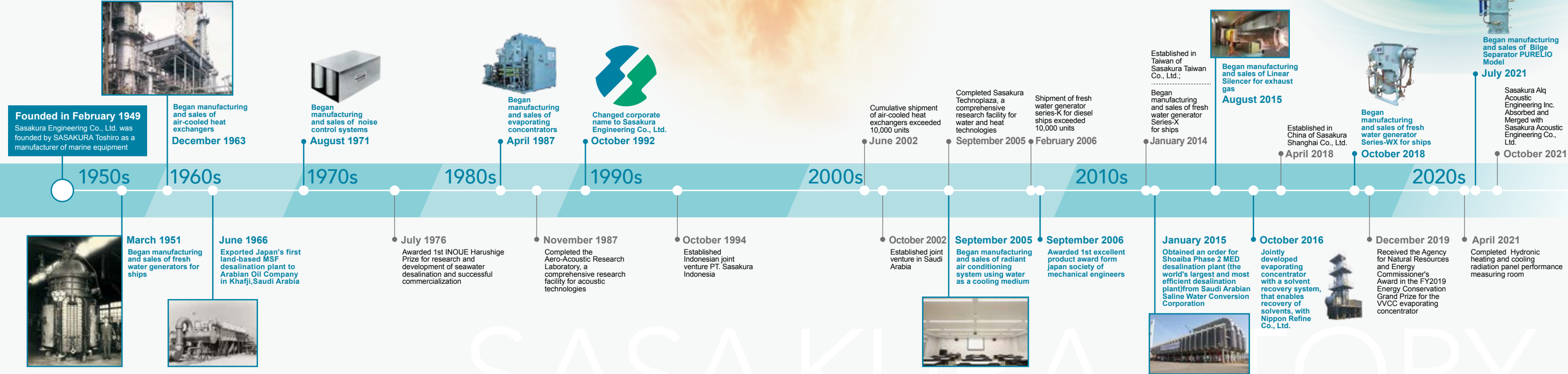
We strive for constant innovation on the basis of our vast technological know-how regarding design, production, construction, and quality control, gained from experience built up over many years. We aim at developing new products and technologies matching the needs of the times.

Nowadays, we are charged with the great issue of making effective use of limited resources while preserving the planet's natural environment. Sasakura's motto is, "Devotion to a Better Human Environment through Fresh Water Production, Energy Savings and Noise Control." We aim at creative research and development and the cultivation of human resources while contributing to the creation of a rich global environment by means of our advanced technological power.



SASAKURA Shintaro,
President

Devotion to a Better Human Environment through Fresh Water Production, Energy Savings and Noise Control



Water and Environment

Fresh Water Generator for ships

We made our start as a specialty manufacturer of marine equipment such as fresh water generator for ships and heat exchangers. Fresh water generators are one of the most vital devices in meeting the demand for water of vessels at sea. The purified water produced is used in a variety of applications including drinking water, boiler water and water for miscellaneous uses. In particular, energy-saving fresh water generators have been contributing to improvements in the sailing environment. Our fresh water generators are installed not only on ships built in Japan but are also exported and installed on many vessels overseas as well, and have brought us a global reputation for possessing a top-class level of technology.



Fresh Water Generator
(Plate Type)



Fresh Water Generator (Tubular)



Double-Effect Low-Pressure
Submerged Tube Type Distilling Plant

Land-based Desalination Plant

In the Middle East and in other countries around the world we have supplied large-scale, land-based desalination plants created on the basis of technology cultivated in working with ships, contributing to the development of regions where water is scarce. Nowadays, our global-leading technology and achievements have established our position as a leading manufacturer and allowed us to gain immense trust. When people think of desalination, they think of Sasakura.

Shoaiba Phase 2, the largest capacity and most efficient land-based desalination plant in the world

In January 2019, we completed and handed over the largest capacity and most efficient reheat type desalination plant in the world (91,200T/D) to the Saudi Arabian Saline Water Conversion Corporation.



Reverse Osmosis Desalination Plant (RO)



Reheat-Type Desalination Plant (MED)



Multi-Stage Flash-Type Desalination Plant (MSF)

Evaporating Concentrator

We lost no time in dealing with environmental problems. Evaporating concentrator, which we developed through application of our desalination technology, collect water and valuable elements from wastewater and liquid waste while also reducing their volume. Designed to lower waste disposal costs, the concentrator also greatly contribute to preserving the environment. We also applied the technology to the food industry, with evaporating concentrator factoring in processes used for the production of food and beverages.



Evaporating Concentrator



Evaporating Concentrator



Evaporating Concentrator



Evaporating Concentrator for
Food and Beverage Use

Marine Pollution Prevention Machine

Bilge separators, sewage treatment plants and other of the products we manufacture to standards established by the International Maritime Organization (IMO) for the conservation of the marine environment are in use.



Bilge Separator



Sewage Treatment Plant

Heat and Environment

Air-cooled Heat Exchanger

Air-cooled heat exchangers we manufacture are used in developing Japanese refineries and petrochemical plants and in the cooling field. Our heat exchangers make efficient use of natural air resources and are environmentally friendly as well as highly economical. Use of heat exchangers has expanded to municipal incineration plants and biomass power plants, and we continue contributing to the development of the industry as a leading manufacturer.



Air-Cooled Heat Exchanger installed in municipal incineration plants



Air-Cooled Heat Exchanger installed in refineries and petrochemical plants



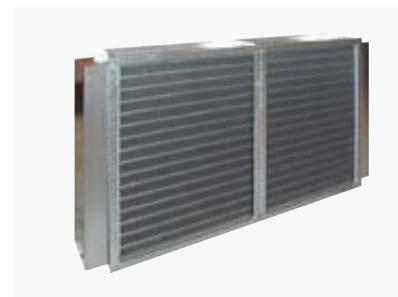
Fin Tubes for Air-cooled Heat Exchanger

Rotary Thermosiphon Chill Roll



In laminating or in producing liquid crystal, solar cells and other optical films, this revolutionary product enables improved product quality and accelerated production.

Heat Pipe Thermal Recovery Unit



This product was developed so that the warm air of the exhaust created by each process does not go to waste. Collecting and reusing the exhaust heat produces a high energy-saving effect. These units are used for applications such as air conditioning.

Cryogenic Butterfly Valve



Our cryogenic butterfly valve used in valves for liquid fuel in space development rockets and liquid hydrogen is essential in transporting LNG and other cryogenic liquids. These valves are used at LNG terminals and on LNG carriers.

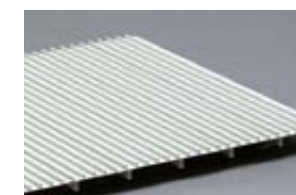
Radiant Air Conditioning System

This radiant air conditioning system is a comfortable and energy-saving way for cooling and heating radiant panels installed on ceilings and for directly heating or cooling the human body, which is friendly to both people and the global environment. The system is used in office buildings, hospitals and schools etc.

Our product line of radiant panels



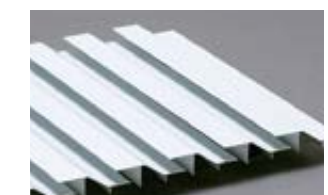
Wave



Rib



Punching



Louver



Hydronic heating and cooling radiation panel performance measuring room



Installation for Food company's Office

Sound and Environment

Creating a comfortable environment is impossible without considering the issue of noise. Ever since 1971 we have been developing and producing noise control systems. By controlling noise in all kinds of fields beginning with general industry and construction and also including ships, aircraft, space development and in underground facilities, we support the creation of comfortable environments.

Noise Control: Construction-related Outdoor Unit



Noise control for an outdoor unit: facility in Osaka



Noise control for an outdoor unit: electrical substation



Noise control for an outdoor unit: facility in Tokyo



Noise control for an outdoor unit: data center



Noise Control: Plants / Factories



Noise control for a steam condenser intake: Nagoya City Inokoishi Incineration Plant



Noise control for a steam condenser intake: incineration plant



Noise control: gas engine enclosure

Noise Control: Ships / Aircraft / Space Development



Noise control: hush house



Noise control for Vessel Silencer for engine exhaust gas(State of the performance test)

Noise Control: Underground Facility



Ventilation noise control: subway



Noise Control: Air Conditioning / Ventilation



Noise control for ventilation fans: concert hall



Research Facility for Conducting Noise Experiments



Research laboratory: anechoic room with PET sound absorbing wedges

SASAKURA TECHNOPLAZA

Sasakura Technoplaza: Concept

Space for Joint Research and Development to meet Customers' Needs

Space for Testing Sasakura's New Products and New Technologies

Sasakura Technology's Showroom



SASAKURA TECHNOPLAZA

Sasakura Technoplaza is a comprehensive research and development facility for technology, including products concerned with water and heat. From research to design, sales and production, all our staff members join in partnering closely with our clients in promoting their projects. Day in and day out we pursue research and development to respond promptly to our customers' needs. By fusing our clients' data and know-how with our core technology, we create new technologies and systems, resolving all types of issues in partnership with our clients.

Hand in hand, with our customers.
Constantly rising to the challenges
of infinite possibility lying ahead.

Customer

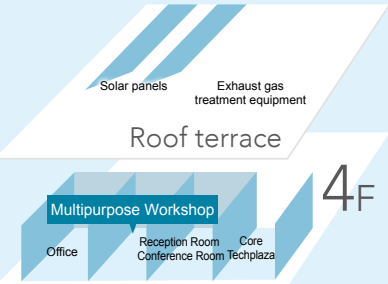
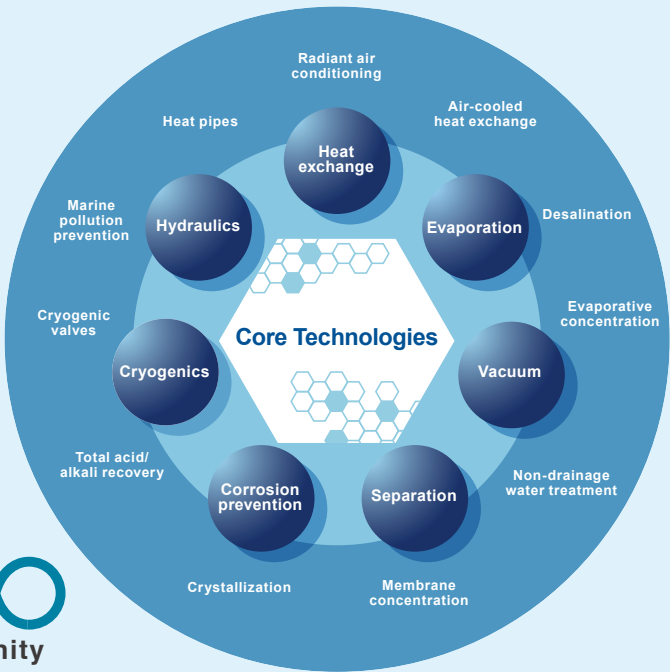
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Sasakura

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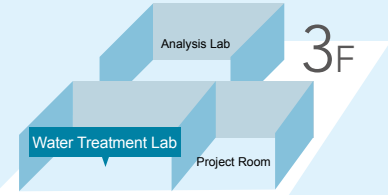


Infinity



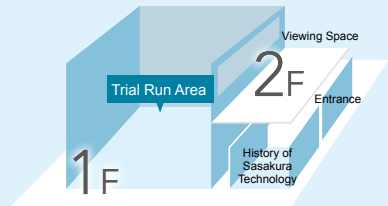
Multipurpose Workshop

This is a workshop equipped with our radiant air conditioning. Experience a quiet, comfortable space.



Water Treatment Lab

This is a basic research experiment laboratory for evaporating concentrator technology in conducting sample solution lab-scale experiments.



Trial Run Area

Here we conduct performance tests of products and trial runs of products under development. We have introduced wastewater treatment for treating liquid waste from the laboratory.



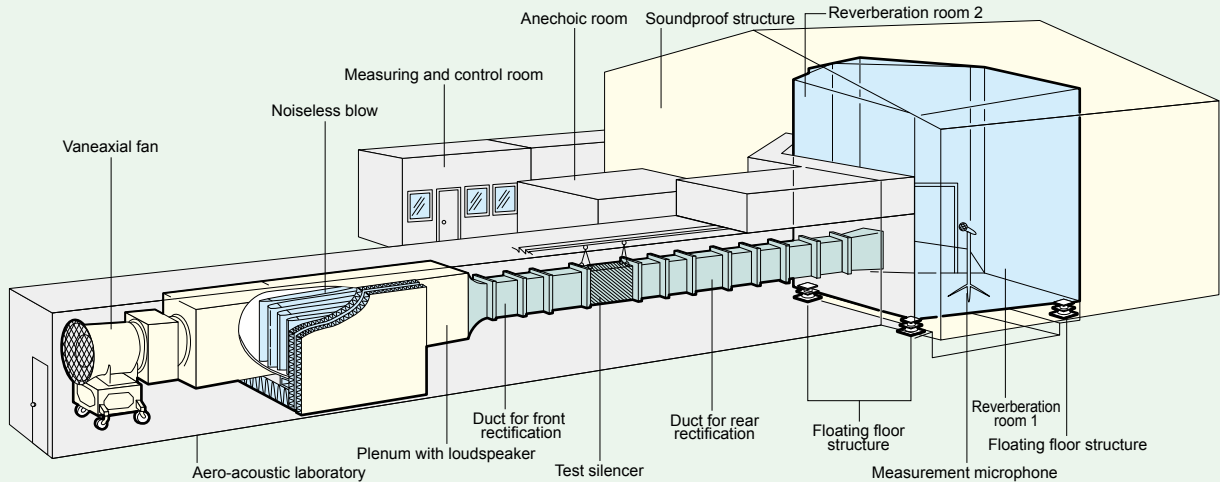
Aero-Acoustic Research Laboratory



This is a research and development facility developed independently by Sasakura in 1987. Sasakura's high-spec noise control system is regarded highly around the world. Its design is based on experimental data generated in this Aero-Acoustic Research Laboratory, with one of the few genuine anechoic wind tunnel experiment modules in Japan and possessed of two reverberation rooms. The system has obtained a very high level of trust.

Experiments possible with the Aero-Acoustic Research Laboratory

1. Experiments for acoustic and aerodynamic characteristics of all kinds of noise control systems (Dynamic acoustic insertion loss, pressure loss etc.)
2. Experiments for all kinds of materials, sound-absorbing panels, sound insulation and other acoustic characteristics (Reverberant sound absorption coefficient, sound transmission loss etc.)
3. Measuring of acoustic power level of noise generated by test pieces



Vaneaxial fan



Aero-acoustic duct



Anechoic room



Noiseless blow



Reverberation room 1