

Environmental Energy Business

Waste Incineration Plant

We generate huge quantities of waste through everyday living, which also include both harmful and recyclable substances. The Company treats such waste, using unrivalled technology with a low environmental impact. We have delivered around 350 plants, both at home and abroad, since the completion of our continuous waste incineration plant as a national first in 1963. The Company contributes to the global environmental conservation in diverse ways by providing the latest waste treatment technology tailored to contemporary needs and based on extensive actual performances and know-how.



Waste Incineration Plant

Biomass Power Plant

The Company provides a variety of energy related facilities, based on the technologies and know-how cultivated as a boiler industry pioneer. We contribute to reducing CO₂ emissions through the use of biomass power plants, using agroforestry and livestock resources, as well as fuels including coal, oil and gas.

In addition, for industrial waste treatment, we provide a wide range of industrial waste treatment plants, including hospital waste, waste plastics, general waste from business activities, waste rubber, waste oil, waste acid and waste alkali, with our incineration technologies, contributing toward global environmental conservation.



Biomass Power Plan

Intensive Sewage Treatment Filtration Facility

It can be said that freshwater comprises only 3% of all the water on the planet, of which only 0.01% can be used for living. In order to preserve such precious water, the Company contributes to global water resource conservation by analyzing the status quo that water is situated and developing a water treatment method via the most appropriate system through a "dialogue with water".



Intensive Sewage Treatment Filtration Facility

Civil Energy Business

Seven decades ago, a water-tube boiler was invented by a Japanese man. The spirit of such invention has since pervaded Takuma boilers throughout the ages.

Takuma Co., Ltd. was founded as Takuma Boiler Manufacturing Co., Ltd. in 1938 by Tsunekichi Takuma, one of the ten great inventors of Japan during the Meiji and Taisho periods (1868 - 1926).

Although in Japan, we were dependent on foreign imports in terms of boilers until the early Taisho period (1912 - 1926), our unique "Takuma boiler", invented by Tsunekichi Takuma in 1913, was the very first all-Japanese version of such products. The "Takuma boiler" was introduced at a conference of Germany and in 1929, at the World Power Conference (currently renamed the World Energy Council), where it left other foreign-made boilers of the time in the shade in terms of performance and gained world renown.

As well as large-scale plants, the fields of general machinery, the efficient use of limited resources and energy are issues we must tackle seriously, from the grass roots up to a corporate and state level. The Company strives to effectively reduce environmental loads, based on our long experience in energy utilization technologies and contributing to a reduction in CO₂ emissions.



General Steam Boiler



Vacuum-Type Hot Water Heater

Other Businesses

The Company also challenges new business fields based on boiler/environmental facility technologies, including regenerative deodorization equipment, impregnated equipment, logistical devices, semiconductor industrial facilities and gas turbine/micro gas turbine equipment, and striving to become a leading company in each business field.

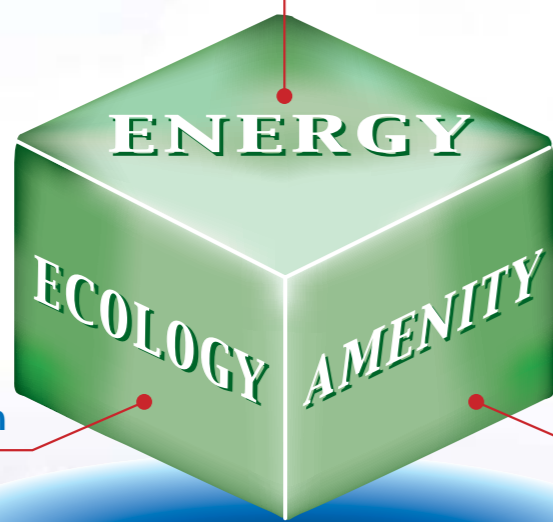


Regenerative Deodorization Equipment

The Total Solution for Energy/Environment of Factories and Buildings For the Sake of Global Environmental Conservation

Energy Solution

Takuma products realize a stable energy supply. Our fulfilling sales and maintenance structure supports a stable energy supply.



Ecology Solution

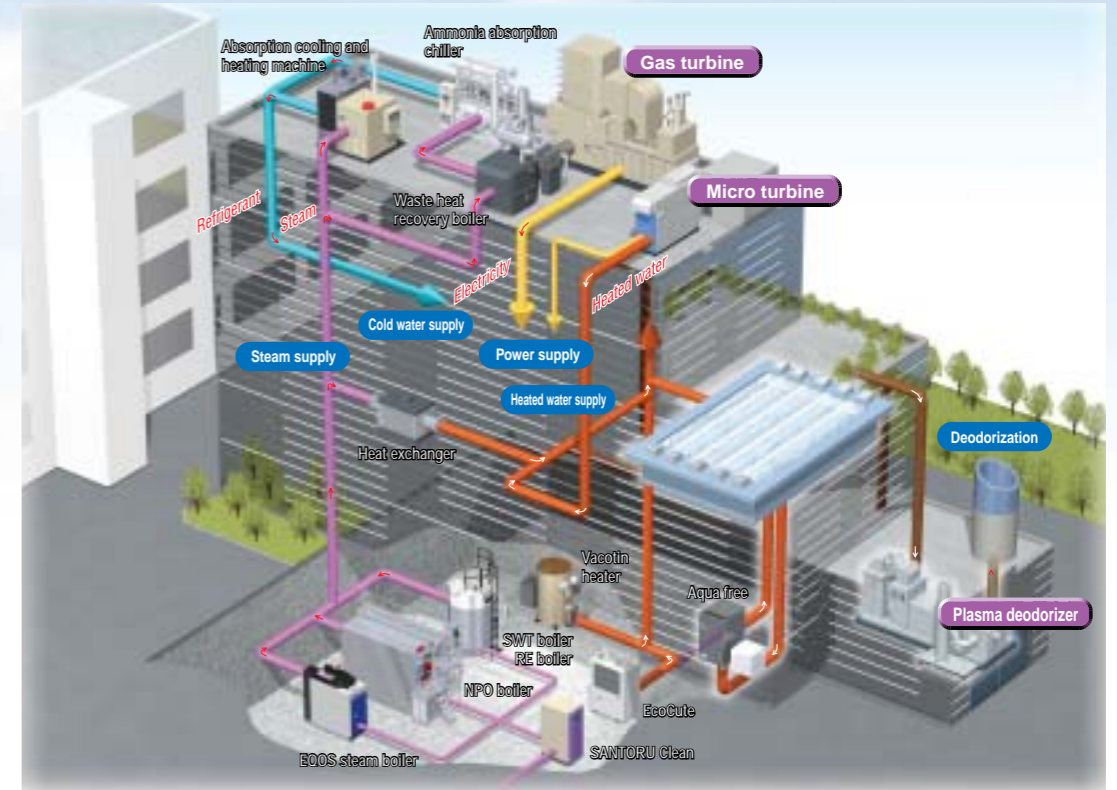
Takuma products achieve reduced environmental loads, such as a reduction in CO₂ emissions and lowering of NO_x. With affluent know-how, we support our customers by helping reduce environmental loads.

Amenity Solution

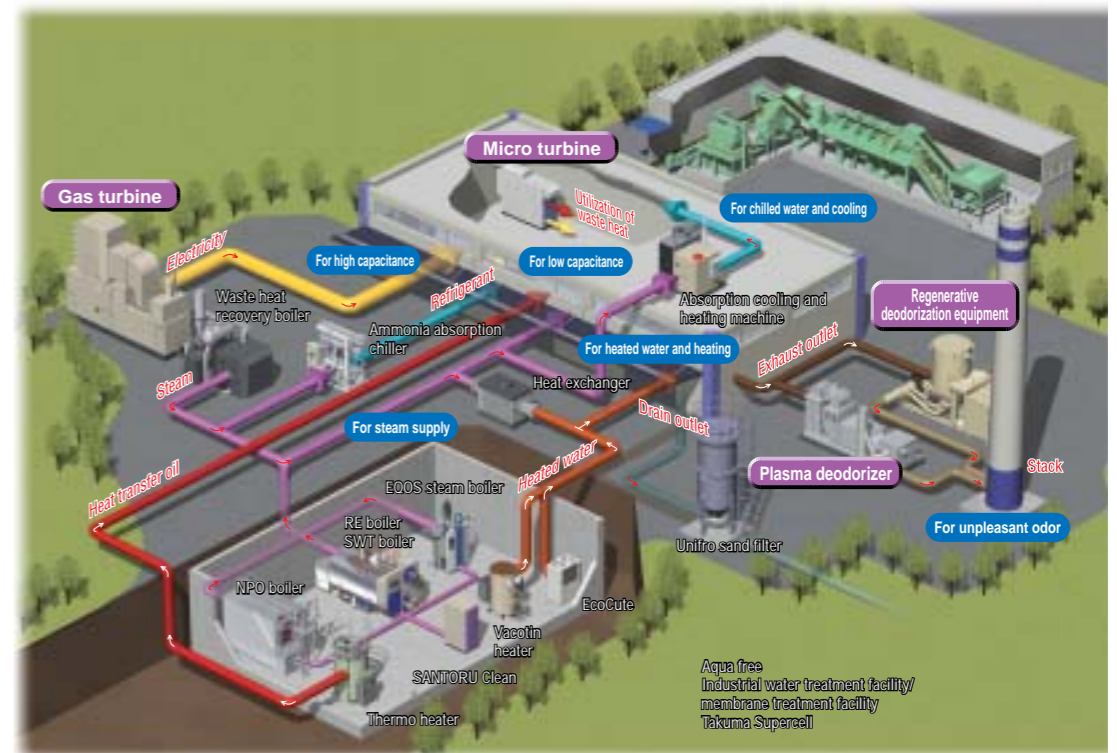
Takuma products realize a comfortable environment. Our fulfilling sales and maintenance structure supports a comfortable environment.

Economy Solution

We offer economic heat supplies, such as the utilization of waste heat. Via the rental/lease of Takuma products, we realize your facility renewal with reduced investments. As we provide services to maintain all the products, you can reduce the device maintenance and operation costs.



Facility Case



Factory Case