

Business Portfolio of Nihon Parkerizing Group

The Nihon Parkerizing Group has three reportable segments: the Chemicals Business, the Engineering Business, and the Toll Processing Business, based on the type of management organization and the characteristics of the products and services.

In the Chemicals Business, we manufacture and sell mainly chemicals that increase the added value of metals or other substrates by creating conversion coatings that improve their performance in terms of anti-wear and lubricity. In the Engineering Business, we manufacture and sell equipment such as pretreatment and painting equipment and powder coating equipment. In the Processing Business, we offer surface treatments such as corrosion and heat treatment processing and plating. We are also involved in a range of other businesses besides these, such as the sale of medical devices, building maintenance and construction, and solar power generation.

We are expanding various businesses in the manufacture and sale of medical devices, building maintenance and construction, and solar power generation.

Other businesses

2%
¥2.8 billion

Chemicals business

45%
¥56.2 billion

In the Chemicals Business, we manufacture and sell chemicals that meet needs. We use metal surface treatment chemicals to enhance performance in terms of corrosion resistance, adhesion, hydrophilicity and lubricity. This surface treatment technology is used in a wide range of fields, including the automotive and steel industries, as well as the electronics and aviation industries. We also provide technical support to meet customer needs and are expanding our global support network.

Each group company offers a range of treatments, including surface modification to slow the growth of corrosion by creating conversion coatings on the surface of substrates, as well as salt bath nitriding (ISONITE), gas carburizing and nitriding, gas soft nitriding, electroless nickel plating, solid lubrication and precision coating.

We offer treatments that form a coating through a chemical reaction on the surface of the metal and change the properties of the substrate through heat treatment, leading not only to improved corrosion resistance but also enhanced performance in terms of heat resistance, anti-wear and lubricity.

Toll Processing business

38%
¥46.8 billion

Engineering business

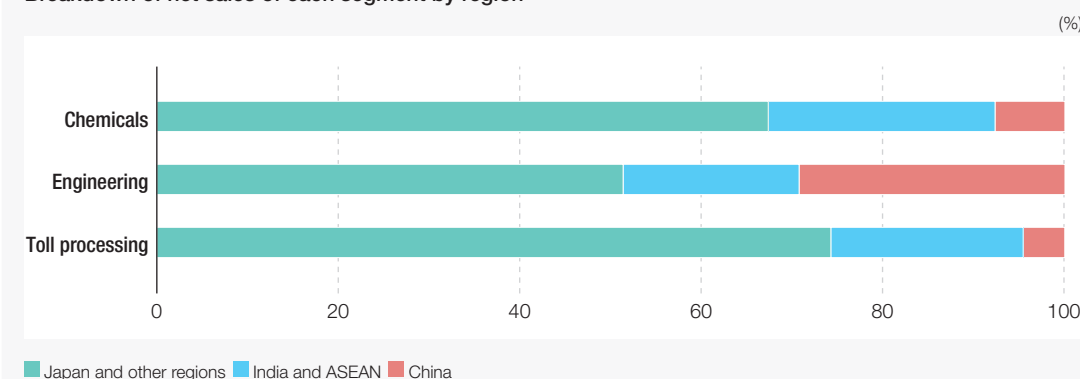
15%
¥19.1 billion

We offer total engineering solutions, including matching equipment with the production line as a whole and reviewing equipment performance and usage to maximize the performance of chemicals. In addition to surface treatment equipment, we also handle heat exchangers, powder coating equipment and high-performance glass.

We made our first foray overseas in 1965 when we established a joint venture in Taiwan. Since then, we have actively sought global expansion in each business segment. Our products and services are now used in a wide range of industrial and household applications, not only in Japan but in countries and regions around the world, including the United States, China, Korea, Taiwan and Thailand.

Currently, in regions with high future growth potential, such as India and ASEAN, we are implementing regional management to gain an understanding of customer needs in each region from a market-oriented perspective and implement strategies according to regional characteristics, with the aim of achieving further expansion of our overseas business.

Breakdown of net sales of each segment by region



As heat treatment experts, we are working to realize our corporate philosophy “to contribute to the effective use of limited resources on planet Earth, creating new value of resources through surface modification of all kinds of materials, preserving the global environment, and realizing an affluent society.” To this end, we are actively promoting the development of more efficient surface treatment technologies that reduce energy loss by improving tribological and insulating properties. We are also working together to develop technologies for a decarbonized society.

In Japan, we have multiple technology centers in addition to the Central Research Laboratories which employs around 130 staff members. We have also established research and development sites in China and Thailand to rapidly develop technologies that meet the demands of each region and provide technical support in close proximity to customers.