



NIKKISO GROUP

CORPORATE PROFILE



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ORIGINAL TECHNOLOGIES

Originality × Technology × Quality

Original technologies that excel in environments that require performance under all contingencies

Petrochemical plants where any possibility of hazardous liquid leakage is not allowed.

LNG that must be transported at the super-low temperature under -162°C .

Crude oil and gas production sites under harsh operating conditions that require sophisticated engineering capabilities.

Aircraft manufacturing that addresses light weight, strength, and quality concerns to unsurpassed limits.

Medical frontline safety that has a direct impact on people's lives.

These are indispensable infrastructure elements that support people's lives.

With its original technologies that provide significant value in increasingly severe environments, Nikkiso is committed to making contributions to society.



PRIDE of NIKKISO

Challenging the unchallenged to continue contributing to societies

Nikkiso's products hold large market shares internationally. Our products and technologies contribute to creating new markets where the Company continues to lead as a pioneer. With original technologies and ideas, Nikkiso has built a reputation for excellence among customers. Based on the Company's culture, we actively take on challenges and demonstrate leadership in society. We are committed to this philosophy as we contribute to society with our technologies.

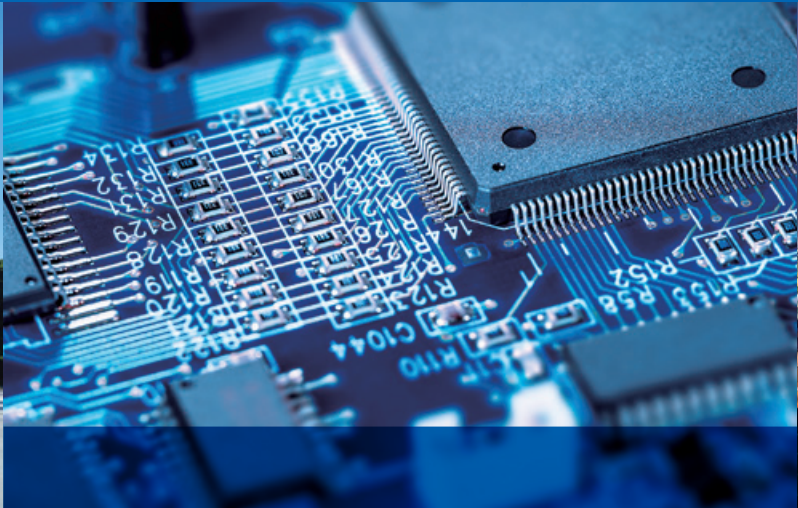
Toshihiko Kai

President and Chief Executive Officer





Industrial Business



Sales composition

Pumps & Systems

Helping to resolve customers’ challenges under diverse and severe conditions

Creating Fluid solutions worldwide as leading specialized pump distributor

Nikkiso’s pumps and systems offers a wide range of products that have large market shares in specific fields. With a strong presence in industries that support social infrastructure, Nikkiso provides high-quality pumps and systems in such areas as the oil and gas industry, LNG transportation, and petrochemical plants. By combining its engineering capabilities to incorporate specialized pump technologies into state-of-the-art computerized systems with the processing expertise of Group companies, Nikkiso is creating solutions of various industries.

Precision Equipment

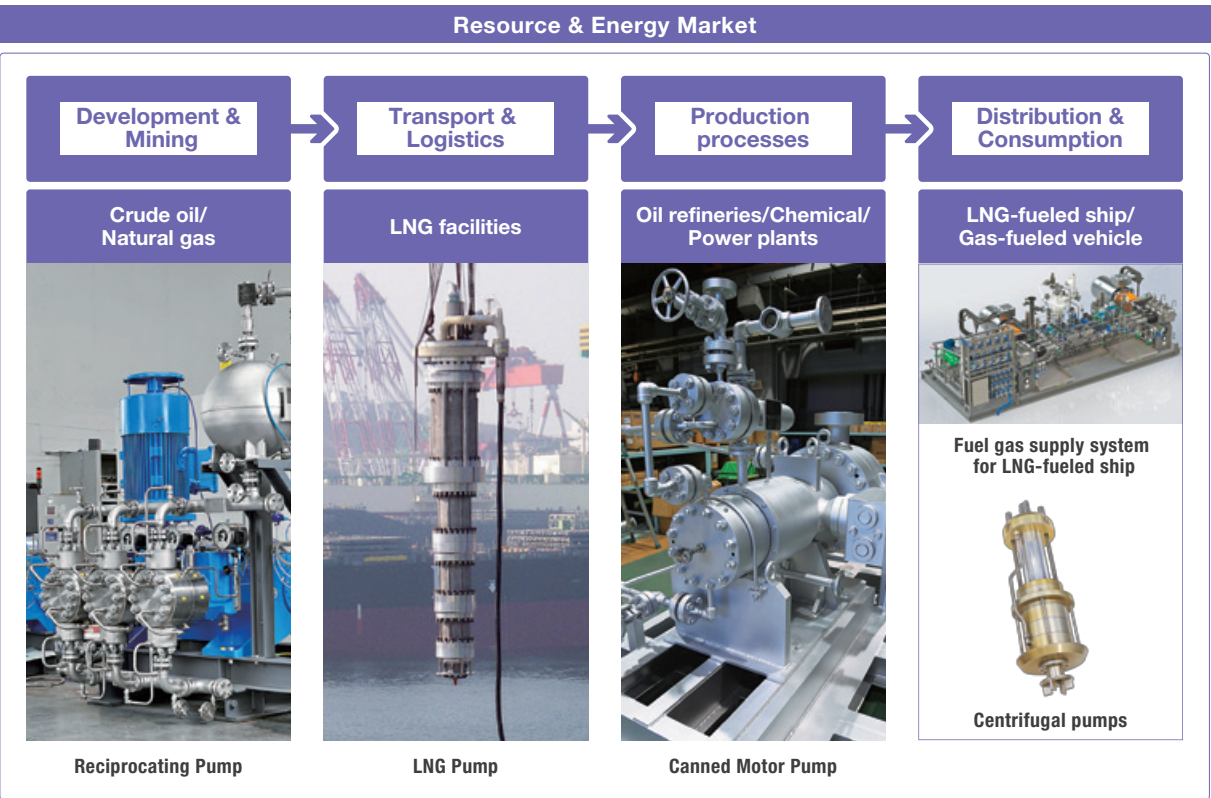
Supporting people’s livelihood as well as various industries with Nikkiso’s core technologies

Nikkiso’s products contribute to a wide range of fields, including power plants, and electronic parts.

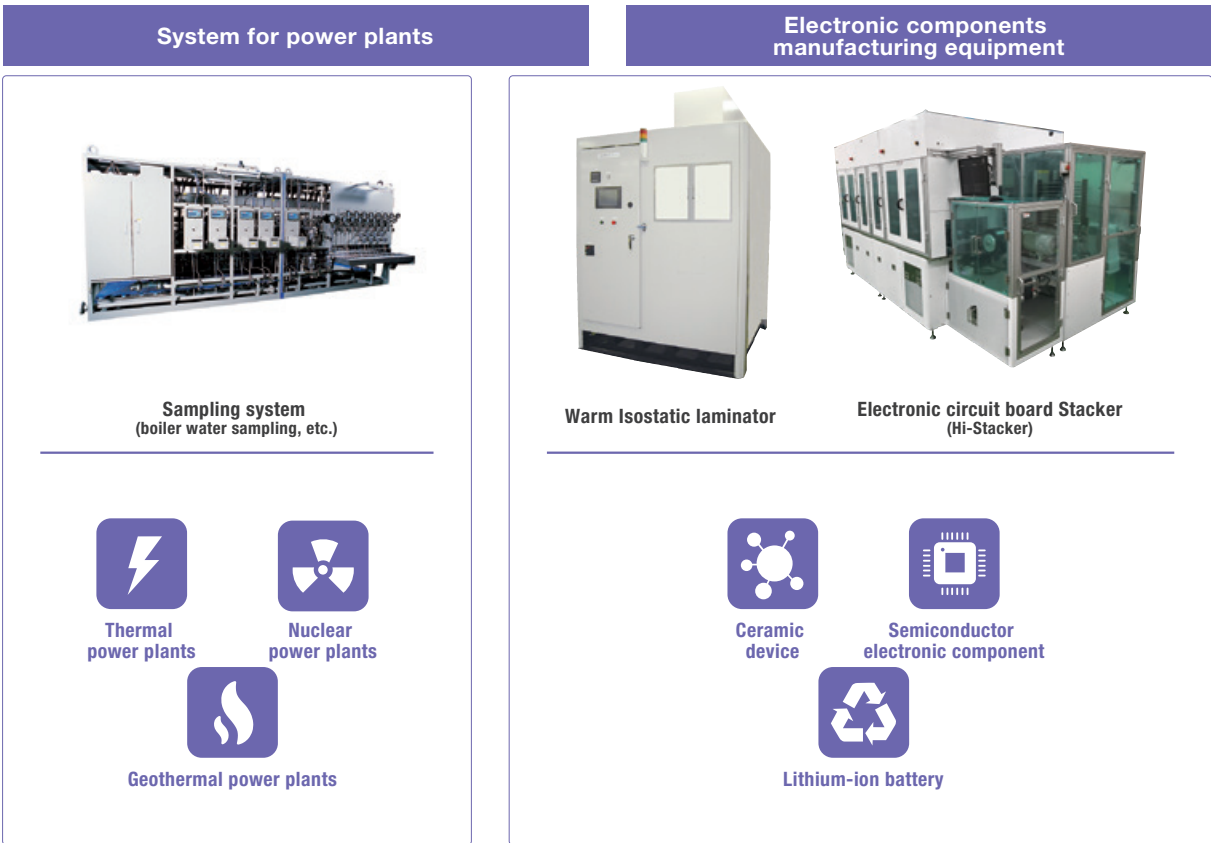
Ever since developing the first boiler water treatment systems for thermal power plants in Japan in 1954, Nikkiso has been supporting electrical power, a crucial element of the social infrastructure, by providing products that enable the operation of many power plants nationwide. Nikkiso’s products are also used in PCs and devices such as smartphones and tablets, in multilayer ceramic capacitors, as well as in the manufacture of other electronic device components that are indispensable to people’s daily lives today. Furthermore, Nikkiso’s technologies enable operations in a broad range of manufacturing sectors.

Features & Strengths	Processing expertise	System engineering	Special pump technology	High-pressure control technology
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Major Applications



Features & Strengths	System control technology	stack, thermal press, high-pressure control technology
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Aerospace Business



Sales composition



Medical Business



Sales composition

Pioneering new advances and improved performance in CFRP aircraft components

From a supplier of cascades to a comprehensive manufacturer of aircraft components

In 1983, Nikkiso became the world's first manufacturer to apply CFRP for cascades, components that are used in commercial aircraft engine nacelles. The Company's cascades account for over 90% of the global market. Nikkiso began manufacturing various CFRP components based on its experience and success producing CFRP cascades. The Company built an exceptional reputation among customers for original techniques used to make products with complex shapes, with the capability of responding to achieve quality, costs, and delivery(QCD). To be the leading company in CFRP aircraft components, Nikkiso is dedicated to promoting further growth of this business.

Features & Strengths	Composite processing technology	Design technology	Delivery management
<p>Nikkiso's commercial aircraft components</p> <div><p>Main Wing Components</p><p>Ailerons Winglet Fixed leading edge</p></div> <div><p>Jet Engine/Nacelle Parts</p><p>Cascade Blocker door Aft fairing Torque box Fan case liner</p></div>			

Continuing to contribute to the advancement of medical industry and the improvement of patients' quality of life with Nikkiso's original technologies and know-how

Entering new medical field segments based on trust achieved as provider of hemodialysis machines with more than 50% of Japanese market share

Nikkiso was the first company in Japan to import and market hemodialysis machines in 1967. Later in 1969, the Company commenced the domestic production of hemodialysis equipment. As a pioneer of hemodialysis machines in Japan, Nikkiso continues to develop new technologies in response to advances in treatment methods and changes in the medical environment. The Company leverages its expertise and technologies in the hemodialysis business to expand into new medical market segments, including blood purification as well as peritoneal dialysis, continuous renal replacement therapy (CRRT), apheresis and microwave surgical energy device, perioperative and emergency medicine, and surgery.

Features & Strengths	Blood purification technology	Design & development technology of medical machines & pharmaceutical products	Maintenance service system
<p>Dialysis-related Products</p> <p>Hemodialysis machines Central Dialysate Delivery System</p> <p>Disposables</p> <p>Other Products</p> <p>CRRT Products Apheresis Products Artificial Pancreas Microwave surgical energy devices</p>			

CHALLENGE

Taking on challenges to develop technologies contributing to society's needs

Nikkiso began as a small enterprise in 1953. The Company has grown steadily. Today, we have over 8,000 employees at 80 global locations. Yet, our core DNA remains unchanged since our founding. With our vision of “taking on challenges to create technologies contributing to society's needs,” Nikkiso is always looking for fresh challenges.

A strong manufacturer continuing to evolve

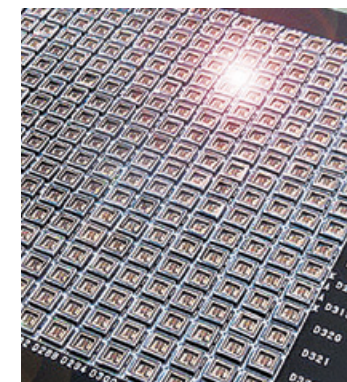
Nikkiso is developing technologies that solve its customers' and society's problems. Leading this effort is the Research & Engineering Institute in Shizuoka prefecture, Japan. Besides serving as the center for R&D of existing businesses within the Group, Nikkiso Giken is leading the drive to launch new businesses. As a technological leader, the Company generates a stream of innovations from its technologies.

The research and technology development bases will be relocated to the Higashimurayama.



Research on technological development for existing businesses and joint development activities

As a Group member, the Research & Engineering Institute provides technical expertise that supports further innovations in existing products and development of new products by focusing on latent customer needs. A corporate culture of pursuing innovation rather than being satisfied with existing technologies is based on the core Nikkiso DNA. Nikkiso Giken represents the Group when conducting joint research activities with various other companies and industrial organizations. The company produces creative ideas and technologies to generate and apply new value in a wide array of businesses.



Launching new businesses

Nikkiso Giken has been focusing on commercializing a new deep UV-LED. The company was the first in the world to succeed in product development at a practical level, and has established a plant for mass-production as it transitions from the development phase to commercialization. The deep UV-LED is attracting attention as a promising new product that can contribute to environmental protection and energy savings due to its various features, including wavelengths ranging from 255 to 350 nm, longevity, excellent wavelength selectivity, low-temperature irradiation, and mercury-free composition. Deep UV light sources are expected to be used for such wide-ranging applications as air and water purification, curing ink, hard coatings of resin products, and analytical devices.



GLOBAL NETWORK

Nikkiso delivers optimal solutions to accommodate needs of customers worldwide

Global network of Nikkiso Group

While the business activities of Nikkiso during its early years concentrated on supporting Japan's economic growth, Nikkiso businesses have since expanded globally.

In the Industrial Business, Nikkiso Group welcomed, in addition to the LEWA Group (Germany) and Geveke (Netherlands), the CE&IG Group (U.S.), which has the world's top-class technologies in the fields of LNG and industrial gas processes and equipment. We are combining our strengths to provide new solutions that meet the diverse needs of customers around the world.

In the Aerospace Business, we are contributing to the development of the world's aerospace industries by making effective use of production sites in Japan and Vietnam.

The Medical Business is expanding its blood purification business globally, while promoting innovations in dialysis medical care and initiatives to accommodate and support changes in the medical environment in Japan.



Industrial Business

Aerospace Business

Medical Business

UV-LED Business

1 Nikkiso Miyazaki Co., Ltd.

1 Higashimurayama Plant

1 Kanazawa Plant

1 Hakusan Factory

2 Cryogenic Industries, Inc.

2 Nikkiso Cryo, Inc.

3 LEWA GmbH

4 Geveke B.V.

5 Nikkiso Europe GmbH

6 Shanghai Nikkiso Non-Seal Pump Co., Ltd.

7 Weigao Nikkiso (Weihai) Dialysis Equipment Co., Ltd.

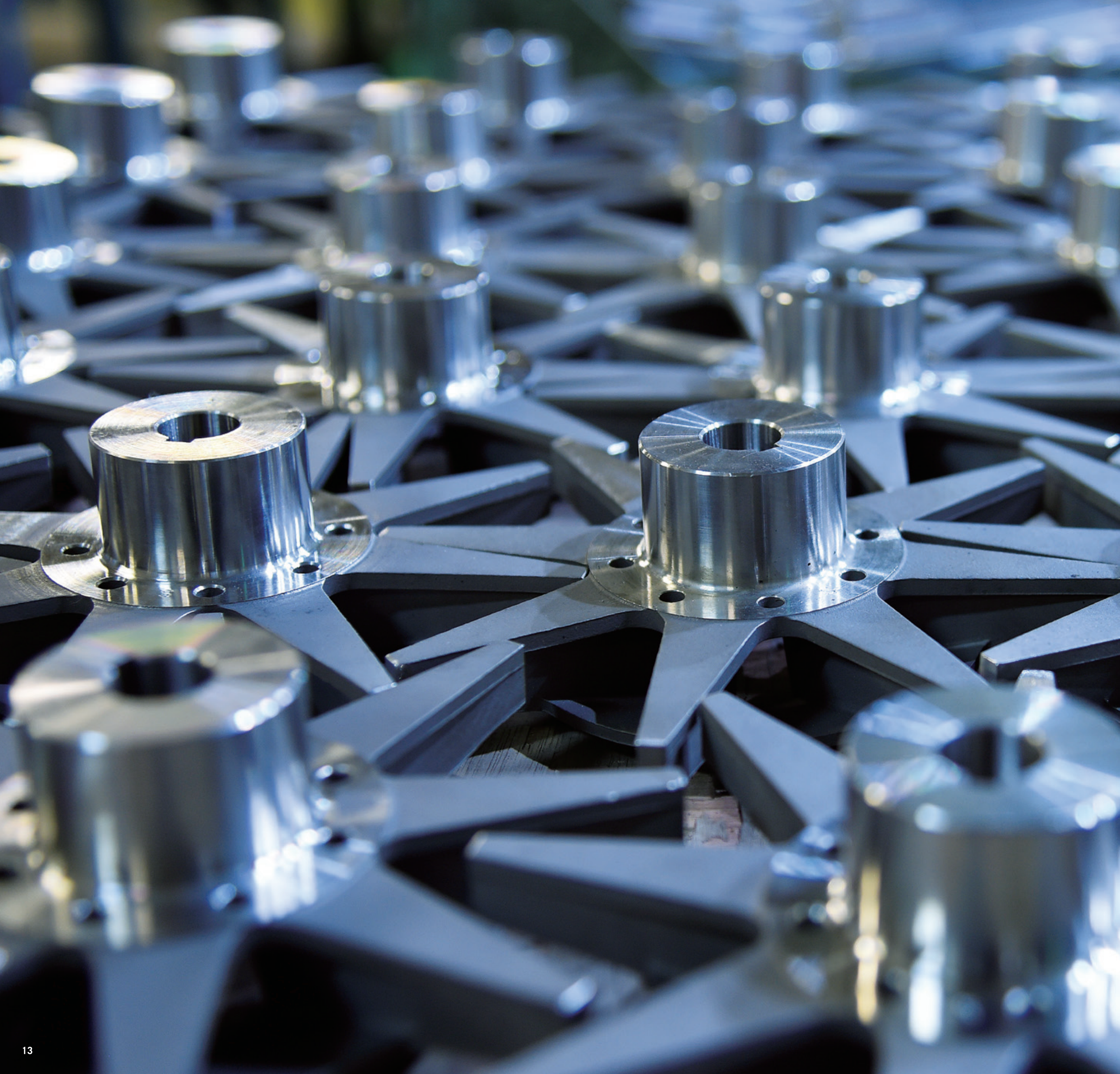
8 M.E. Nikkiso Co., Ltd.

9 Nikkiso Vietnam MFG Co., Ltd.

10 Nikkiso Vietnam, Inc.

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NIKKISO CO.,LTD. 12



Corporate Information

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Fax	+81-3-3473-4963
Date of establishment	December 26, 1953
President & CEO	Toshihiko Kai
Fiscal closing	December 31
Shares	Listed on Prime Market of Tokyo Stock Exchange Issued number of shares 74,286,464
Securities code	6376
Contents of business	Industrial Business Aerospace Business Medical Business

<https://www.nikkiso.com>