

# CORPORATE PROFILE



# Let us Develop with Wisdom and Prosper in Harmony

Having the founding spirit of  
'Let us Develop with Wisdom and Prosper in Harmony'  
as a basic philosophy, Sanden has continually been building  
the corporate culture of challenge and innovation  
since its establishment in 1943.

This means that we should use our intelligence  
in combining our developmental and pioneering abilities  
to win prosperity for us all, and this is based on  
"The principles that a Company is as Good as the People it Keeps"  
which means team work among employees and within the organization is  
the basis of the company's prosperity.

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## Management Principles

Since the company's founding, our management Principles  
have been the cornerstone of our employee's activities.

- Satisfy our customer's needs with high quality products.
  - Contribute to the social and cultural improvement of community through business activity.
  - Build a company of which all are proud, through the effort of self-motivated employees.
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The extensive mountains with lush greenery. The blue clear sky.  
A blue flash streaking far in the distance through such a beautiful scenery  
represents the Sanden-created 'comfort'  
that opens up a new era forever and ever.





We are pursuing next-generation Air Conditioning Systems that are friendly to people and the Earth. Sanden Group was quick to respond to customer needs for electrification of vehicles, and its Automotive Air Conditioning System Products and Automotive Air Conditioning Compressor Products are used by automakers, construction machinery manufacturers, and agricultural machinery manufacturers worldwide.

## Automotive Air Conditioning Systems



### Mainline Products / HVAC\* Units, Heat Pump System

We globally manufacture and sell various components that make up Automotive Air Conditioning Systems. With environmental technologies as our core competence, we have earned the trust of the world leading automakers, construction machinery manufacturers, and agricultural machinery manufacturers.

※HVAC : Heating, Ventilating and Air-Conditioning

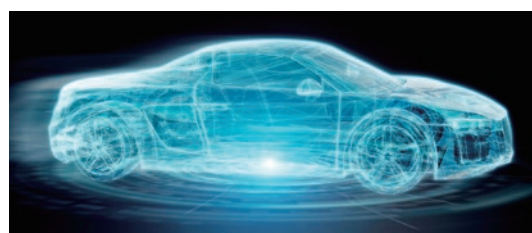
## Compressor for Automotive Air Conditioning



### Mainline Products / Electric Compressors, Variable Displacement Compressors

We manufacture and sell Compressors, the heart of Automotive Air Conditioning Systems, on a global scale. In recent years, we have earned trust in the development of environmental technologies, especially for electric vehicles.

## Advanced Technology Development



We Research and Develop next generation technologies and products. We are actively engaged in the development of new products and technologies to create new Sanden products, and in order to develop new markets, we are actively promoting research and development.

# Main Products

## Automotive Air Conditioning System Products

### System Products

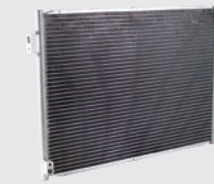


Heat Pump System

### Components



HVAC Units



Condensers



Evaporators

### Other Product



Intercoolers



Heater Cores



Electric Coolant Heaters



Pipes for Air Conditioning

## Compressor Products for Automotive Air Conditioning



Electric Compressors



Swash Plate Type  
Variable Displacement Compressors  
(PX series)



Wobble Plate Type  
Variable Displacement Compressors  
(SDV/C series)



Wobble Plate Type  
Fixed Displacement Compressors  
(SD series)



Scroll Type  
Fixed Displacement Compressors  
(TR series)



CO<sub>2</sub> Compressors

## ITMS | Integrated Thermal Management System



Sanden is also developing new technologies. The automotive industry is accelerating electrification of vehicles due to increasing environmental awareness and tightening of environmental regulations across the world. Since electric vehicles cannot utilize exhaust heat from the engine, the power consumption of the drive battery increases during cooling and heating, reducing the cruising distance. This is a major challenge for electric vehicles to be solved. Sanden will contribute to extending the cruising distance and improving occupant comfort by effectively utilizing the thermal energy of electric vehicles in an integrated manner.



### Advantages of Integrated Thermal Management System

- Energy is saved by recovering and reusing exhaust heat from motors and inverters.
- Improved battery performance through optimal cooling and heating.
- Equipped with a high-efficiency heat pump and a compact, lightweight electric coolant heater.
- Provides optimal thermal management and comfort for the entire air conditioning and other cooling and heating devices.



# Company Profile/History

## Company Profile

Company name	SANDEN CORPORATION
Established	July 30,1943
Capital	21.7 Billion Yen
Business	Automotive Systems Business ▪ Automotive Air Conditioning Systems    ▪ Compressors for Automotive Air Conditioning
Consolidated annual sales	183.8 Billion Yen ( Fiscal year 2024* ) <small>*Sanden's fiscal year ends in December</small>
Number of employees on a consolidated basis	Consolidated : 5,344 ( As of December 31, 2024 )
Major customers	VW, Mercedes-Benz, RENAULT, NISSAN, JAGUAR LAND ROVER, VOLVO, STELLANTIS, GM, HONDA, SUZUKI, SAIC, TRATON, KOMATSU, KOBELCO
Group companies	Overseas: 22 countries and region 46 business locations ( As of December 31, 2024 )

## Domestic Bases



### Headquarter

Where Sanden was founded in 1943.  
(Located in Isesaki City, Gunma)



### Sanden Global Center ( SGCT )

The laboratory has many experimental facilities as a base for advanced and fundamental technology development.  
(Located in Isesaki City, Gunma)



### Yattajima Plant

The base where the components of Automotive Air Conditioning Systems and the Compressors for Automotive Air Conditioning are manufactured. Yattajima Plant acts as a mother plant supporting production activities at Sanden's global manufacturing bases.  
(Located in Isesaki City, Gunma)

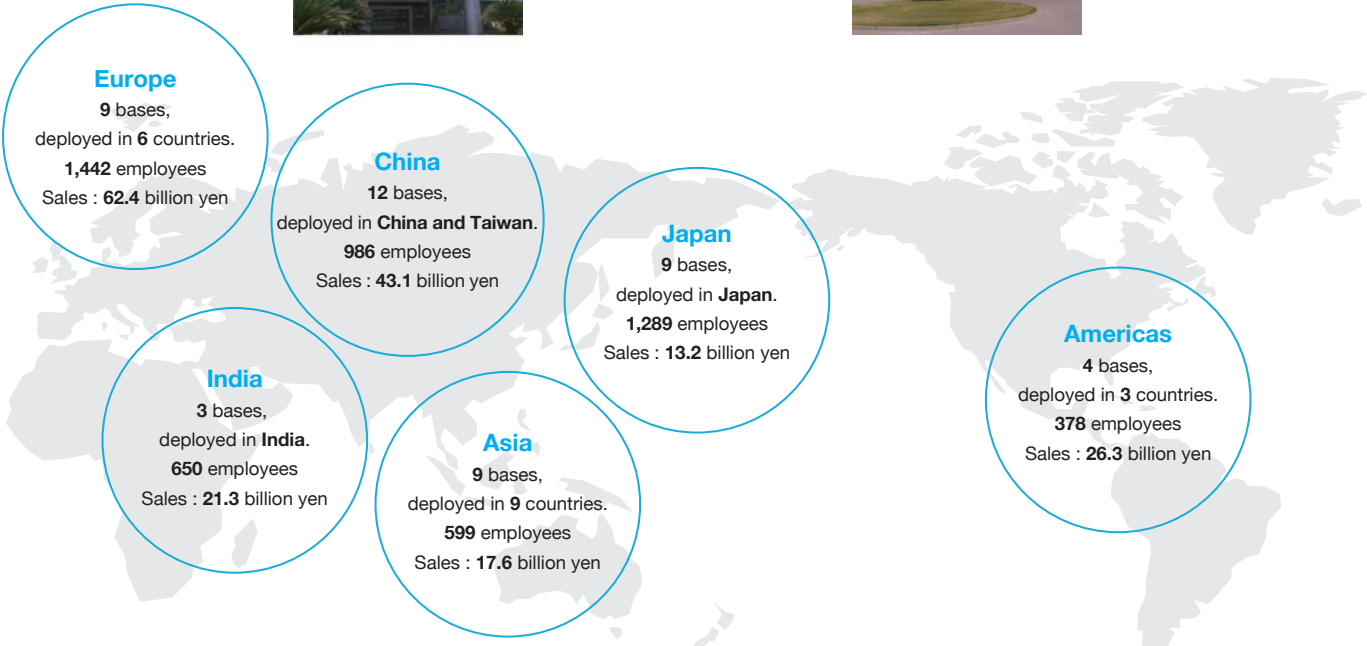
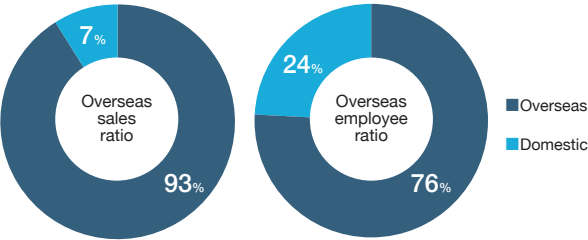


### Sanden Forest and Akagi Plant

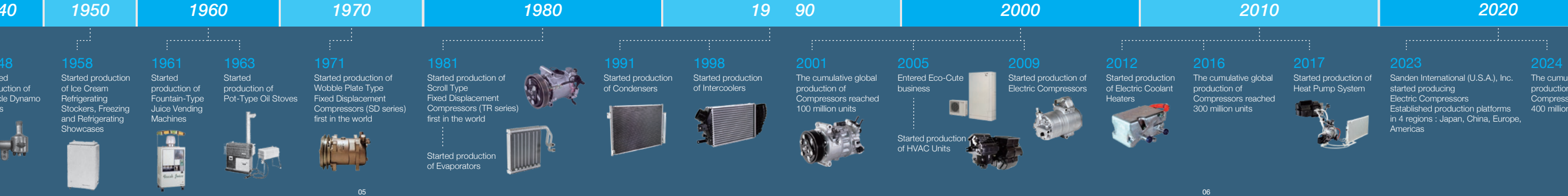
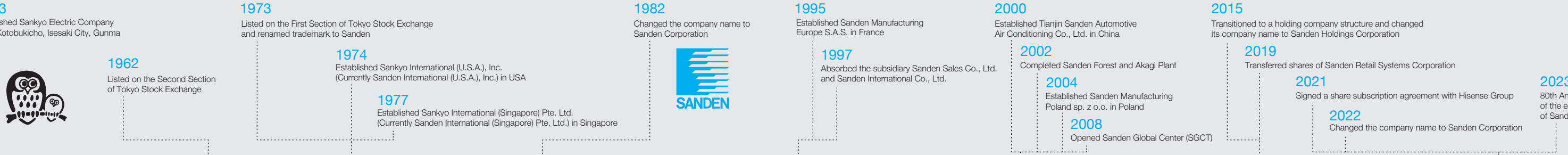
In 2002, Sanden built the Akagi Plant, an environmentally friendly plant that can be used in the 21st century, in a forest created using near-natural construction methods for the first time by a private company, based on the concept of "the Coexistence of the Environment and Industry without Contradiction".  
(Located in Maebashi City, Gunma)

# Global Network

46 business locations are deployed in 22 countries and region.



Sales figures are for FY2023 and are categorized by product destination.  
Employee numbers are as of December 31, 2023.



## ■ Domestic Bases

<b>Headquarter</b>	20 Kotobuki-cho, Isesaki-shi, Gunma, Japan 372-8502	+81-(0)270-24-1211
<b>Yattajima Plant</b>	350 Yattajima-machi, Isesaki-shi, Gunma, Japan 372-8558	+81-(0)270-32-1321
<b>Sanden Global Center (SGCT)</b>	SGCT Center, 20 Kotobuki-cho, Isesaki-shi, Gunma, Japan 372-8502	+81-(0)270-24-1211
<b>Tokyo Office</b>	7F, SUN FIELD BLDG., 2-1-11, Higashiueno, Taito-ku, Tokyo, Japan 110-0015	+81-(0)3-5828-5581
<b>Utsunomiya Office</b>	5F, CENTER'S BLDG., 4-2-24, Higashishyukugo, Utsunomiya-shi, Tochigi, Japan 321-0953	+81-(0)28-610-0555
<b>Kansai Office</b>	6F, ESAKA NK BLDG., 1-13-41, Esaka-cho, Suita-shi, Osaka, Japan, 564-0063	+81-(0)6-6339-2514
<b>Ota Plant</b>	650-1, Nittaoo-cho, Ota-shi, Gunma, Japan 370-0351	+81-(0)276-60-9522
<b>Naganuma Plant</b>	224-1, Naganuma-cho, Isesaki-shi, Gunma, Japan 372-0855	+81-(0)270-31-3802
<b>Sanden Forest / Akagi Plant</b>	7, Nakanosawa, Kasukawa-machi, Maebashi-shi, Gunma, Japan 371-0201	+81-(0)27-285-3225

## ■ Overseas Bases

### Europe Region

#### ■ France

Sanden Manufacturing Europe S.A.S.  
Sanden International (Europe) GmbH Paris Branch

#### ■ Poland

Sanden Manufacturing Poland sp. z o.o.

#### ■ Germany

Sanden International (Europe) GmbH  
Sanden International (Europe) GmbH Regional office Germany **[Hannover]**  
Sanden International (Europe) GmbH Regional office Germany **[München]**

#### ■ United Kingdom

Sanden International (Europe) GmbH UK Branch

#### ■ Italy

Sanden International (Europe) GmbH Regional office Italy

#### ■ Spain

Sanden International (Europe) GmbH Regional office Spain

### Americas Region

#### ■ United States

Sanden International (U.S.A.), Inc.  
Sanden International (U.S.A.), Inc. Detroit Regional office

#### ■ Mexico

Sanden Manufacturing Mexico, S.A. de C.V.

#### ■ Brazil

Sanden International Latin America Eireli

### Asia Region

#### ■ India

Sanden Vikas (India) Private Limited  
Pranav Vikas (India) Private Limited  
Sanden Vikas Precision Parts Private Limited

#### ■ Singapore

Sanden International (Singapore) Pte. Ltd.

#### ■ Malaysia

Sanden Airconditioning (Malaysia) Sdn. Bhd.

#### ■ Philippines

Sanden International Philippines Inc.

#### ■ Indonesia

P.T. Sanden Indonesia

#### ■ Thailand

Sanden (Thailand) Co., Ltd.

#### ■ Pakistan

Sanpak Engineering Industries (Pvt) Ltd.

#### ■ Vietnam

Sanden Technical Center of Vietnam Co., Ltd.

#### ■ Korea

Sanden Regional office Korea

### Oceania Region

#### ■ Australia

Sanden International (Australia) Pty. Ltd.

### China Region

#### ■ China (Mainland)

Tianjin Sanden Automotive Air Conditioning Co., Ltd.  
• Tianjin Sanden Automotive Air Conditioning Co., Ltd. Chengdu Branch  
• Tianjin Sanden Automotive Air Conditioning Co., Ltd. Xiangtan Branch  
• Tianjin Sanden Automotive Air Conditioning Co., Ltd. Ningbo Branch  
Sanden (Suzhou) Precision Parts Co., Ltd.  
Sanden (China) Automotive Air Conditioning System Co., Ltd.  
• Sanden (China) Automotive Air Conditioning System Co., Ltd. Qingdao Branch  
• Liuzhou Sanden Automotive Air Conditioning Co., Ltd.  
• Zhengzhou Sanden Automotive Air Conditioning Co., Ltd.  
Shenyang Sanden Automotive Air Conditioning Co., Ltd.  
Sanden Hasco Automotive Air Conditioning Co., Ltd.

#### ■ Taiwan

Sanden International Taiwan Corporation