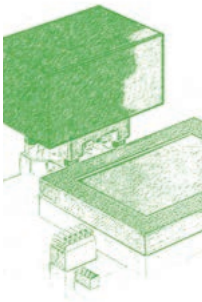
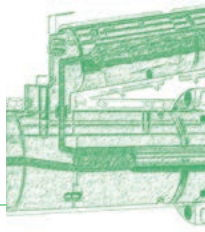
Sodick

Sodick Co., Ltd.

Company Profile





We will continue to create your future

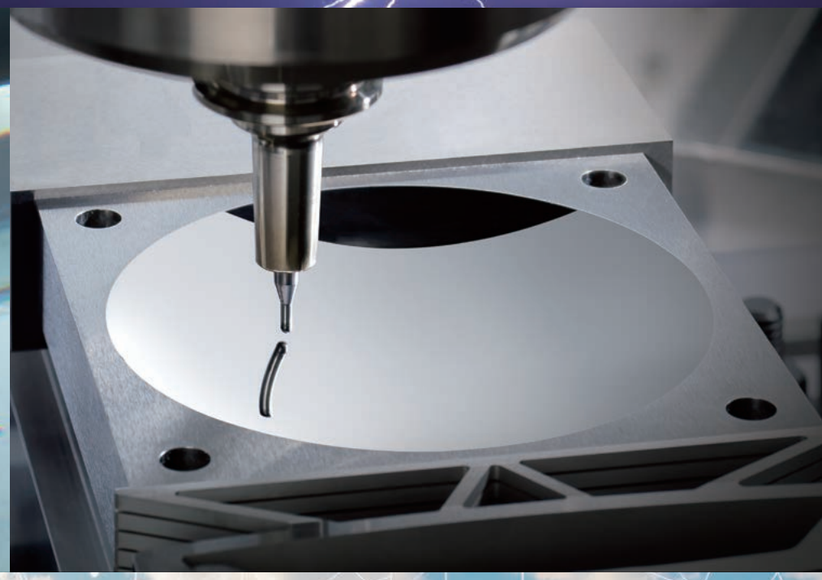
Our primary mission is to be of service to our customers by providing products and technologies needed for the manufacturing of our customers

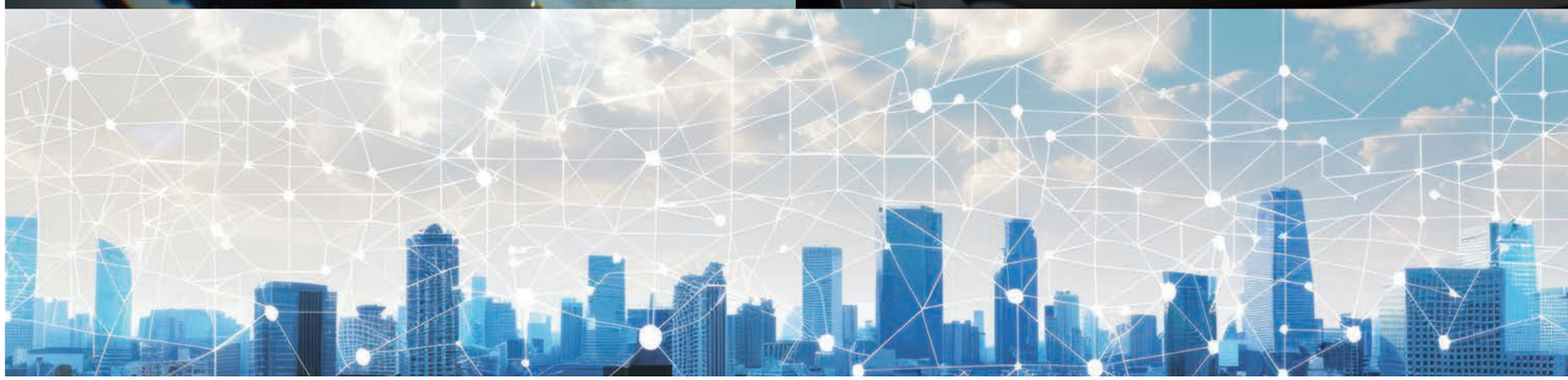
Sodick's businesses range from finished products, including electrical discharge machines, which is our original business, machining centers, injection molding machines, metal 3D printers and food machinery, to components, including linear motors, electrode wires, NC units and motion controllers, as well as software and ceramics, neodymium magnets and other materials.

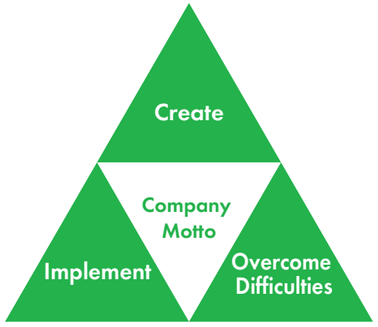
Over the roughly 50 years since our founding, we have developed and commercialized a wide variety of products in-house. The background to this is our commitment to pursuing “for our customers,” thinking together with our customers, and to providing products that are useful to their manufacturing.

If there is a customer's request, even technology that does not exist in the world will be developed in-house to overcome difficulties. Under the spirit of “creating it if it does not exist,” Sodick has devoted all its efforts to “help its customers at any cost.”

Sodick will continue to create a new future of manufacturing as a company that provides machines and opportunities to realize dreams to people enthusiastic about manufacturing.







Sodick Group, under the founding spirit of
"Create," "Implement," and "Overcome Difficulties," aims to
provide the highest value to customers, and strives to contribute for a
sustainable society as a company that will "Create Your Future"

Our company name "Sodick" derives from combining the phonetics of the Japanese words for "Create" (Sozo), "Implement" (Dicko) and "Overcome Difficulties" (kuro Kokufuku), representing the spirit of Sodick. By working closely with our customers and repeating the cycle of "creating," "implementing" and "overcoming difficulties," we have developed and provided high-quality products and services that our customers need, thereby supporting the manufacturing around the world.

In addition, using the advanced technological expertise that we have accumulated over the years, we offer the "Total Manufacturing Solution" service that provides customers with total support in solving their problems for all processes involved in manufacturing from product designing to processing of molds and components and high-quality machined surfaces.

We are also engaged in the field of food manufacturing as a new challenge that goes beyond the framework of the manufacturing industry. The Food Machinery Division is developing machines that help our customers produce safe, secure, and high-quality foods by applying precision machining and control technologies that we have developed over many years.

Furthermore, Sodick F.T Co., Ltd., one of our group companies, is engaged in a wide range of leading-edge fields, including the development, manufacture and sale of LED lights, ultra-precision contract manufacturing, the development and manufacture of fine ceramic products, and providing turnkey solutions for molding production lines. These businesses play an important role in further expanding the technological base of the Sodick Group and bring new values.

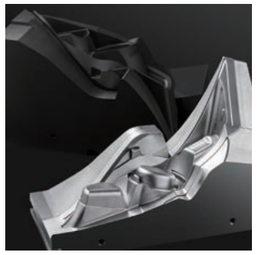
We will continue to strive to further improve our technological capabilities for our customers who are involved in manufacturing in diverse fields around the world, as well as foster the future-oriented technologies, thereby contributing to the sustainable society through our products and technologies.

CEO President and Representative Director

Yuji Akutsu

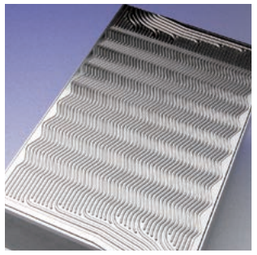
Machine Tools Business

Machine tools play an active role as the starting point in all aspects of manufacturing, as used for producing molds that are needed when processing plastic and other materials and metal parts for various machines.
Sodick offers a wide range of products to meet a wide variety of customer demands, including electrical discharge machines that hold the world's top market share, as well as precision machining centers and metal 3D printers.



Automotive component insert mold
(Die-sinker EDM)

Motor core mold
(Wire-cut EDM)



Fuel cell separator
(Machining Center)

Die casting
(Metal 3D Printer)

Die-sinker EDM

This is a machine tool that uses the desired shape (male type) as an electrode, transfers it to a workpiece (female type) by electrical discharge, and then engraves it. It enables conductive workpieces, regardless of their material and hardness, to be machined with high precision and high quality.

Wire-cut EDM

This is a machine tool that usually uses wire such as tungsten or brass of 0.03 to 0.3 mm as an electrode to perform shape-cutting process like a thread saw at high speed and with high accuracy by discharging phenomena with a workpiece.

Machining Center

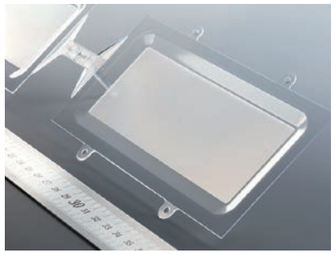
This is a machine tool that rotates cutting tools at ultra-high speeds and processes metal materials into three-dimensional shapes. Since it has an automatic exchange function, it can perform multiple machining processes, such as cutting and drilling.

Metal 3D Printer

It melts and solidifies metal powders according to the three-dimensional data, and then stacks them one by one to form three-dimensional metal parts. It offers a high degree of freedom in design and is used in the manufacture of products that require improved performance and lighter weight.

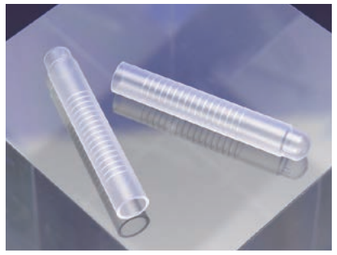
Industrial Machinery Business

Injection molding machines melt raw materials and inject them into molds to create innovative plastic molds and other products.
Sodick's injection molding machines are equipped with a proprietary technology "V-LINE," in which a plasticization screw, which melts raw materials by adding heat, and an injection plunger, which pours the melted materials into a mold, are made independent of each other.
They are used in products in a variety of fields, including home appliances, electric and electronic components, automobiles, and medical equipment.



Smartphone rear case

Precision parts　Resin insert micro-coils



Advanced medical components　Catheters

Horizontal Injection Molding Machine

Vertical Injection Molding Machine

Injection Molding Machine for
Light Metal (Magnesium) Alloy

V-LINE

V-LINE is the name for the injection and plasticization construction of injection molding machines developed by Sodick. Since plasticization and injection processes are separated, the plasticizing and molten state and actual filling amount are stable, reducing molding defects and reducing the burden on the environment by shortening the molding time and reducing material loss.

Plasticization Unit

The plasticization screw moves within the backflow prevention stroke range.
The resin is extruded from the front.

▶▶▶ Constant molten state and heat history

Backflow Prevention Unit

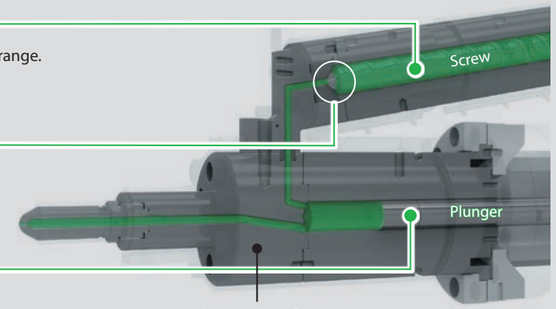
The backflow prevention process is performed in this unit.

▶▶▶ Constant actual filling volume

Injection Unit

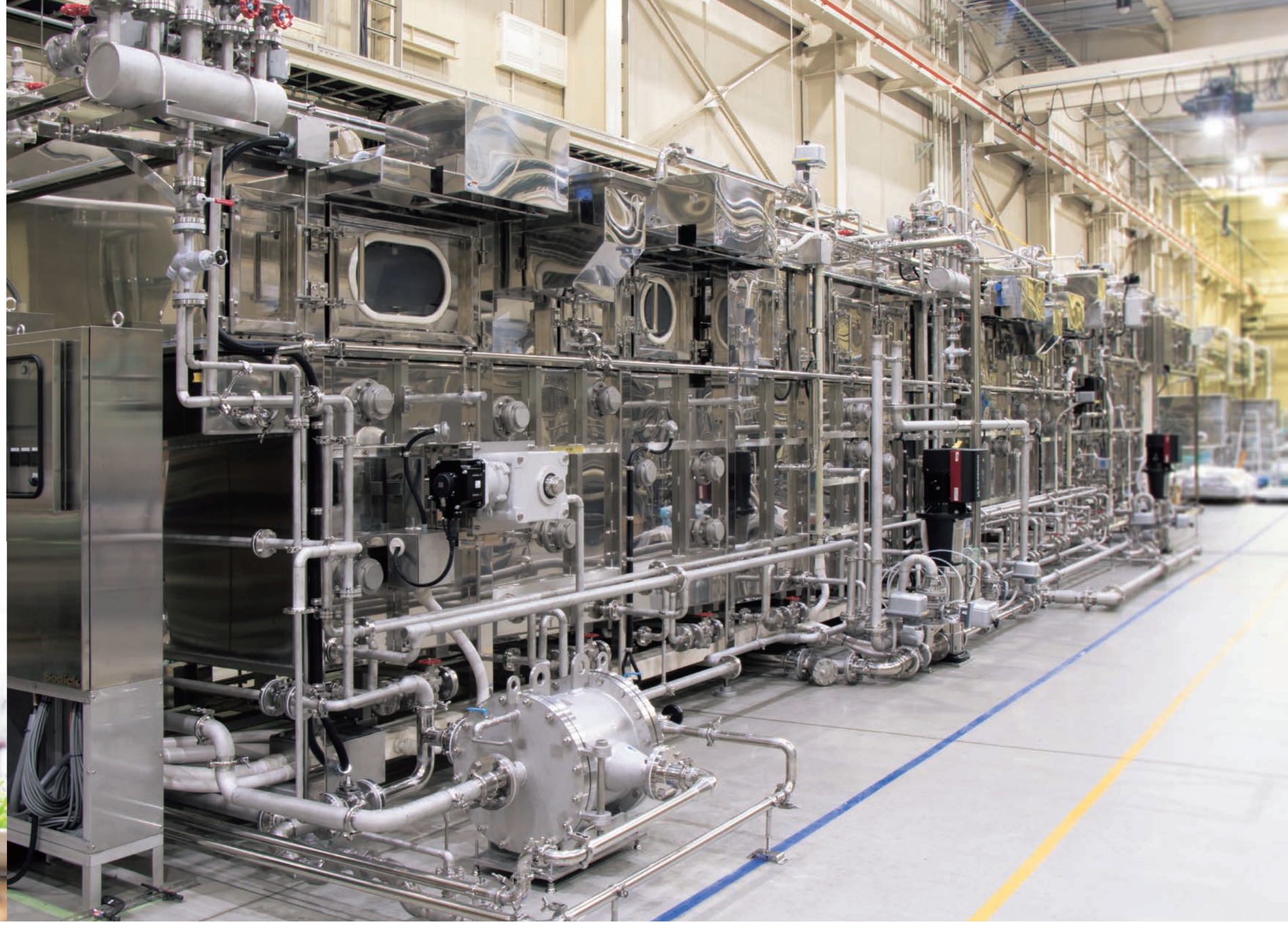
There is no shearing by the backflow during injection.

▶▶▶ Prevents excessive shearing heat applied to resin

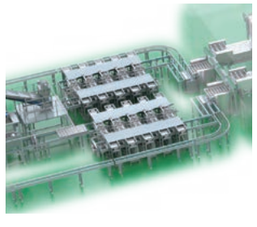


Food Machinery Business

Sodick's food machinery utilizes our advancements in machine tools and industrial machinery. Out product lineup includes noodle making machines, noodle boiling machines, and an aseptically-packaged cooked rice production system. We contribute to the creation of a safe, secure and healthy food culture by providing the ideal equipment for the production of noodles, packed rice, side dishes, etc.



Aseptically-packaged Cooked Rice Production System



We have built a system that allows the entire process from washing the rice to finishing the rice product without human contact, achieving a high level of safety.

Noodle Making Machines

With a focus on noodle making machines for cooked noodles, LL noodles and frozen noodles, we have a diverse lineup to meet our customers' needs. We provide total coordination of the production line from design to installation.

Confectionery Production-related Equipment

We provide equipment used to make the dough for fried noodle snacks, pretzel confectioneries, granolas and other confectioneries.

Precooked Side-dish Food Sterilization-related Equipment

We contribute to reducing food loss by extending the shelf life of food products through our equipment, such as a pressurized heating sterilizer that uses high-temperature saturated steam to sterilize food surfaces in a very short time.

Global Network

We are operating business globally through collaboration between R&D locations in three regions around the world, six factories, and sales locations spanning 15 countries and regions.

Head Office/Research and Technology Center
(Yokohama, Kanagawa)

Kaga Factory
(Kaga-shi, Ishikawa)

Fukui Office
(Sakai-shi, Fukui)

Suzhou Sodick Special Equipment Co., Ltd.
(Suzhou)

Sodick Amoy Co., Ltd.
(Xiamen)

China

Production Xiamen, Suzhou
R&D Shanghai
Sales Shanghai, Shenzhen, Hong Kong

Japan

Head Office/R&D Yokohama, Kanagawa
Production Kaga-shi, Ishikawa; Sakai-shi, Fukui; Miyazaki-shi, Miyazaki

Europe

Sales United Kingdom, Germany

Asia

Sales South Korea, Taiwan, India

North America

R&D United States
Sales United States, Canada

Latin America

Sales Mexico

ASEAN

Production Thailand
Sales Thailand, Vietnam, Philippines, Indonesia, Singapore, Malaysia

Sodick (Thailand) Co., Ltd.
(Thailand)

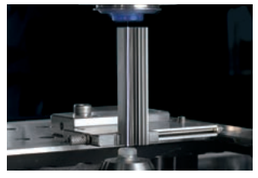
History of Sodick,

that has grown with the policy of “We create it if it does not exist”

Core Technology

1977 Electrical discharge power unit

By controlling the supply method and time of discharged energy and the distance between the electrodes, this system has achieved to control electrical discharge pulses to obtain the desired electrical discharge processing performance

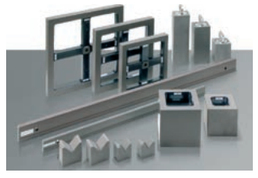


NC unit

NC unit is a numerical control unit that uses numeric value information and a servo mechanism to control the movement of machine tools and robots

1985 Ceramics

Ceramics are materials that offer characteristics such as durability, light weight, heat resistance, and abrasion resistance as well as electric insulation that is critical for electric processing machine materials

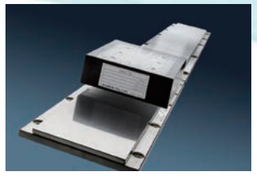


1989 V-LINE System

The V-LINE System achieves both uniform plasticization of resin and high-level weighing and injection accuracy by separating the processes of plasticization and injection, realizing highly accurate stable molding

1998 Linear motor

A linear motor is a motor that generates thrust by attraction and repulsion of a magnet, enabling linear motion



Products

1976

Delivered the first NC Die-sinker EDM with microcomputer

1981

Started sales of NC Wire-cut EDM “330W”equipped with 5 axis control

1983

Developed the NC Die-sinker EDM with 4-axis plus rotating main axis “A3CR”
(Received the Japan Society for the Promotion of Machine Industry Award from the Japan Society for the Promotion of Machine Industry in 1983)

1987

Launched the “A series” NC Wire-cut EDM using a large amount of in-house ceramics
(Received the Good Design Award from the Ministry of International Trade and Industry (at that time) in 1988)

1988

Announced the “GT5” NC graphite electrode milling machine
Announced the new NC power unit with a built-in 32-bit microcomputer “MARK20”
Two types of NC Wire-cut EDM, “A500” and “A350” became “1988 Good Design Products Selected by the Ministry of International Trade and Industry (at that time)”

1989

Developed and launched an injection molding machine that used Sodick’s unique V-LINE System

1998

Became the first machine tool manufacturer in the world to equipping electrical discharge machines with a linear motor

2003

The “NANO-100,” an ultra-precision linear nano level precision machine tool, received the 20th Kanagawa Industrial Technological Development/Encouragement Award

2007

Entered into the food machinery business
Announced the “SGF circuit,” an ultra non-wearable, high speed power supply circuit

2014

Announced the “OPM250L” linear motor driven precision metal 3D printer

2023

Launched the “LSP5070” linear motor driven femtosecond laser machine

Operations

1976 Established Sodick Co., Ltd.

Founder Toshihiko Furukawa

1980

Completed construction of Fukui Office (Sakai -shi, Fukui)

1986

Listed on the Second Section of the Tokyo Stock Exchange

1987

Completed construction of Kaga Factory (Kaga-shi, Ishikawa)

1988

Established Sodick (Thailand) Co., Ltd. (Bangkok, Thailand)

1989

Completed construction of Head Office / Research and Technology Center (Kohoku New Town, Yokohama)

1991

Established Shanghai Sodick Software Co., Ltd. (Shanghai, China)

1994

Established Suzhou Sodick Special Equipment Co., Ltd. (Suzhou, China)

2000

Established Sodick America Corporation (Silicon Valley, United States)

2006

Established Sodick Amoy Co., Ltd. (Xiamen, China)

2015

Listed on the First Section of the Tokyo Stock Exchange

2016

Completed construction of a new factory for the food machinery business at the Kaga Factory

2022

Transitioned to the Tokyo Stock Exchange Prime Market

Sustainability

The Sodick Group, under the founding spirit of "Create," "Implement," and "Overcome Difficulties," is actively working to resolve the social issues surrounding sustainability that we face through our business in order to provide the highest value to customers and contribute to the sustainable development of society as a company that will "Create Your Future."

Promoting diversification of human resources

Further promote a corporate culture in which diverse employees can work comfortably with a sense of satisfaction.

Promotion of the active participation of global human resources

Employees who have experienced work overseas are increasing year by year, and we are also making efforts to hire foreign nationals. We are also promoting the active participation of global human resources by hiring local management.

Human resources development

We provide training for new employees to learn about our manufacturing at domestic and overseas factories. Furthermore, we strive to develop the next generation of human resources by providing management training for department managers and section managers to acquire the skills for organizational management based on an understanding of management strategies, and by providing all employees with a variety of e-learning opportunities on a regular basis.

Promotion of female employees' participation and advancement

In addition to working to increase the rate of employees taking child-rearing leaves, we are creating an environment that enables employees to achieve both work and child-rearing, such as by enabling employees to work shorter hours until the child completes the elementary school. We are also expanding the recruitment of women in various job categories and promoting initiatives to increase the ratio of women in management positions.

Acceptance of foreign technical intern trainees

Since 2019, nearly every year, we have accepted approximately ten of our employees working in our factories in Thailand and China as foreign technical intern trainees, to share and teach manufacturing techniques with the aim of improving the technology of overseas factories.

Promotion of work style reform

In 2024, we fully introduced the telework system, which had been introduced on a trial basis since 2019. We have a system in place that allows for flexible working styles, such as providing a telework allowance in lieu of commuting expenses on days when employees telework.

Club activities

We subsidize the activities of in-house clubs to support the establishment of exercise habits among employees and to stimulate internal communication. The sumo club, in particular, boasts a track record of achievements, including winning the All Japan Corporate Sumo Championship in the first division and individual championships such as the Emperor's Cup and the World Championships.

SPORTS YELL COMPANY 2025

Contributing to evolving manufacturing

Contribute to building of a foundation for economic development through more sophisticated manufacturing.

Proposing automation solutions to meet customer needs

The newly established "Sodick SMART SITE" at the Kaga Factory is demonstrating the flexible manufacturing systems, ranging from small-scale automation that processes the machines installed as single units with some peripheral equipment such as measuring instruments to the much larger scale full automation.
In addition, we are also offering a solution for automatically transporting electrodes and workpieces with an autonomous transfer robotic (AMR) by linking a die-sinker EDM with a wire-cut EDM.
We respond to the growing need for automation in production processes at manufacturing sites in all industries.

Sodick SMART SITE (within Sodick Kaga Factory No. 3)

Addressing environmental management

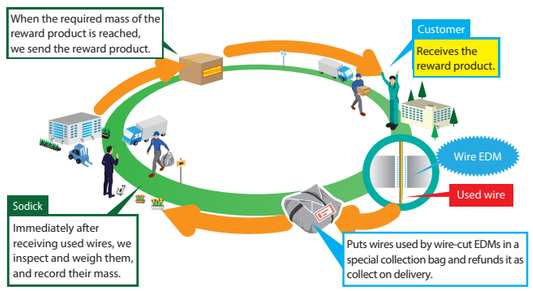
We promote the use of renewable energy and the reduction of CO_2 emissions to achieve carbon neutrality.

Developing environmentally friendly products

Wire-cut EDM "AL i Groove + Edition"
We have equipped our wire-cut EDMs with the wire rotation mechanism, reducing wire consumption by rotating the electrode wire while machining the workpieces, achieving both the improved quality of the machined surface and the reduced wire consumption.

Promoting a wire recycling system

Sodick collects used wires as a resource, melts them in a melting furnace, and manufactures new wires under thorough quality control. We have established a wire recycling system that allows customers who return wires to exchange them for new wires or consumables of equivalent value.



Adoption to biodegradable plastics

Our proprietary inert gas dissolution injection molding system "INFILT-V" has made it easy to mold thin and deep biodegradable plastic,*1 which is difficult to mold due to its high viscosity when melted.

*1 Plastic that is eventually broken down into water and carbon dioxide by the effects of microorganisms in nature and recycled back into nature.

Expansion of installation of photovoltaic power generation equipment

We are expanding installation of photovoltaic power generation equipment at domestic and overseas factories. The Kaga Factory, in particular, achieved an annual power generation of approximately 2,500 MWh (annual power consumption of approximately 700 households*2) through photovoltaic power generation across the entire Factory, reducing greenhouse gas emissions by approximately 1,096 tons*3 annually.

*2 Calculated based on the assumption that the average household uses 300 kWh per month
*3 Calculated based on the location emission coefficient published by the Ministry of the Environment

Company Profile

Company name	Sodick Co., Ltd.	
Locations	**Head Office / Research and Technology Center** 3-12-1, Nakamachidai, Tsuzuki-ku, Yokohama, Kanagawa, Japan Tel: +81-45-942-3111 **Kaga Factory** Ka-1-1, Miya-machi, Kaga-shi, Ishikawa, Japan Tel: +81-761-75-2000 **Fukui Office** 78, Nagaya, Sakai-cho, Sakai-shi, Fukui, Japan Tel: +81-776-66-8877 **Miyazaki Factory** 8798-239, Tano-cho, Miyazaki-shi, Miyazaki, Japan Tel: +81-985-64-6000	
Established	August 3, 1976 (Founded: February 1971)	
Capital	24,618 million yen Listed on the Prime Market of the Tokyo Stock Exchange (Securities Code: 6143)	
Annual sales	73.6 billion yen (Consolidated) 43.2 billion yen (Non-consolidated) * As of the fiscal year ended December 2024	
Number of employees	3,417 (Consolidated) 1,187 (Non-consolidated) * As of the fiscal year ended December 2024	
Consolidated subsidiaries	19 companies * As of the fiscal year ended December 2024	
Main banks	Sumitomo Mitsui Banking Corporation (SMBC), Yokohama Bank, Mizuho Bank, MUFG Bank, Ltd., Hokuriku Bank, The Hokkoku Bank, and other	
Board members	Chairman and Representative Director	Kenichi Furukawa
	CEO President and Representative Director	Yuji Akutsu
	Director Senior Managing Executive Officer	Hideki Tsukamoto
	Director Managing Executive Officer	Masato Takagi
	External Director	Kazunao Kudo
	External Director	Kenzo Nonami
	External Director	Yoshikazu Goto
	External Director	Ayako Sano
	Director and Audit & Supervisory Committee Member	Tetsuro Kawahara
	External Director and Audit & Supervisory Committee Member	Mari Otaki
	External Director and Audit & Supervisory Committee Member	Haruchika Gohara
	External Director and Audit & Supervisory Committee Member	Yukiko Omura

Group business activities

- Die-sinker EDM
- Wire-cut EDM
- Small-hole Drilling EDM
- CNC and power supply devices
- Metal 3D Printer
- Machining Center
- Laser Micro processing Machine
- Thermoplastic Injection Molding Machine
- Thermosetting Plastic Injection Molding Machine
- Light metal Injection Molding Machine
- Engineering ceramics
- Linear motors for industrial production machines
- Other electrical machining equipment
- EDM wire
- Precision tool and precision molding products
- Noodle Making Machine
- Noodle Boiling Machine
- Fully-automated manufacturing line for wrappers
- Aseptically-packaged Cooked Rice Production System
- Side Dish Production-related Equipment
- Confectionery Production-related Equipment
- LED products

Domestic Sales & Services

Machine tools and industrial machinery

Sales Headquarters 3-12-1, Nakamachidai, Tsuzuki-ku, Yokohama, Kanagawa 224-8522 Tel: +81-45-941-4553 / Fax: +81-45-943-7880

East Japan Branch (T = Machine Tools, I = Industrial Machinery)

- Sendai Technical Center T I
- Saitama Technical Center T I
- Yokohama Sales Office T I
- Matsumoto Sales Office T I
- Ota Satellite Office T
- Niigata Satellite Office T

Central Japan Branch

- Nagoya Technical Center T
- Nagoya IMM Center Industrial I
- Shizuoka Technical Center T
- Hokuriku Sales Office T I

West Japan Branch

- Osaka Technical Center T I
- Okayama Sales Office T
- Fukuoka Technical Center T I

Food machinery

Kaga Factory Ka-1-1, Miya-machi, Kaga-shi, Ishikawa 922-0595 Tel: +81-761-75-7411 / Fax: +81-761-75-7977

Tokyo Office Osaka Office Kyushu Office

Motion products (linear motor, amplifier)

Motion Product Sales Representative 3-12-1, Nakamachidai, Tsuzuki-ku, Yokohama, Kanagawa 224-8522 Tel: +81-45-948-1403 / Fax: +81-45-948-1406

Procurement and logistics

Head Office / Research and Technology Center **Kaga Factory** **Nagatsuta Office**

Domestic Affiliated Companies

Sodick F.T Co., Ltd. 13F, Nisso Building, 2-5-1, Shinyokohama, Kohoku-ku, Yokohama, Kanagawa 222-0033
Tel: +81-45-478-0571 / Fax: +81-45-478-0599

Mold and Die Division EMG Division IAC Division

Imariseiko Co., Ltd. 3-12-1, Nakamachidai, Tsuzuki-ku, Yokohama, Kanagawa 224-8522 Tel: +81-45-541-0685

Overseas Affiliated Companies

Development locations

【United States】Sodick America Corporation 【China】Shanghai Sodick Software Co., Ltd.

Production locations

【Thailand】Sodick (Thailand) Co., Ltd. 【China】Sodick Amoy Co., Ltd., Suzhou Sodick Special Equipment Co., Ltd.

Sales and services locations

【United States】【Canada】Sodick, Inc. 【United Kingdom】Sodick Europe 【Germany】Sodick Deutschland GmbH

【China】Sodick Electromechanical (Shanghai) Co., Ltd., Sodick Tom (Shanghai) Co., Ltd.

Sodick International Trading (Shenzhen) Co., Ltd. Sodick (H.K.) Co., Ltd.

【S. Korea】Sodick Korea Co., Ltd. 【Taiwan】Sodick (Taiwan) Co., Ltd. 【Vietnam】Sodick Vietnam Co., Ltd.

【Thailand】Sodick (Thailand) Co., Ltd. 【Philippines】Sodick Philippines Inc.

【Indonesia】PT. Sodick Technology Indonesia

【Singapore】Sodick Singapore Pte. Ltd. 【Malaysia】Sodick Technology (M) Sdn Bhd.

【India】Sodick Technologies India Pvt. Ltd. 【Mexico】SODICK TECNOLOGIA MEXICO, S.A. DE C.V.

Sodick Co., Ltd.

3-12-1, Nakamachidai, Tsuzuki-ku, Yokohama, Kanagawa 224-8522 Japan

Tel: +81-45-942-3111

https://www.sodick.co.jp/en/

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