

DREAMS CAM TRUE

Make dreams come true
Sankyo Seisakusho's cam technology

Automation Technology Provider



SANKYO
SEISAKUSHO CO.

RollerDrive

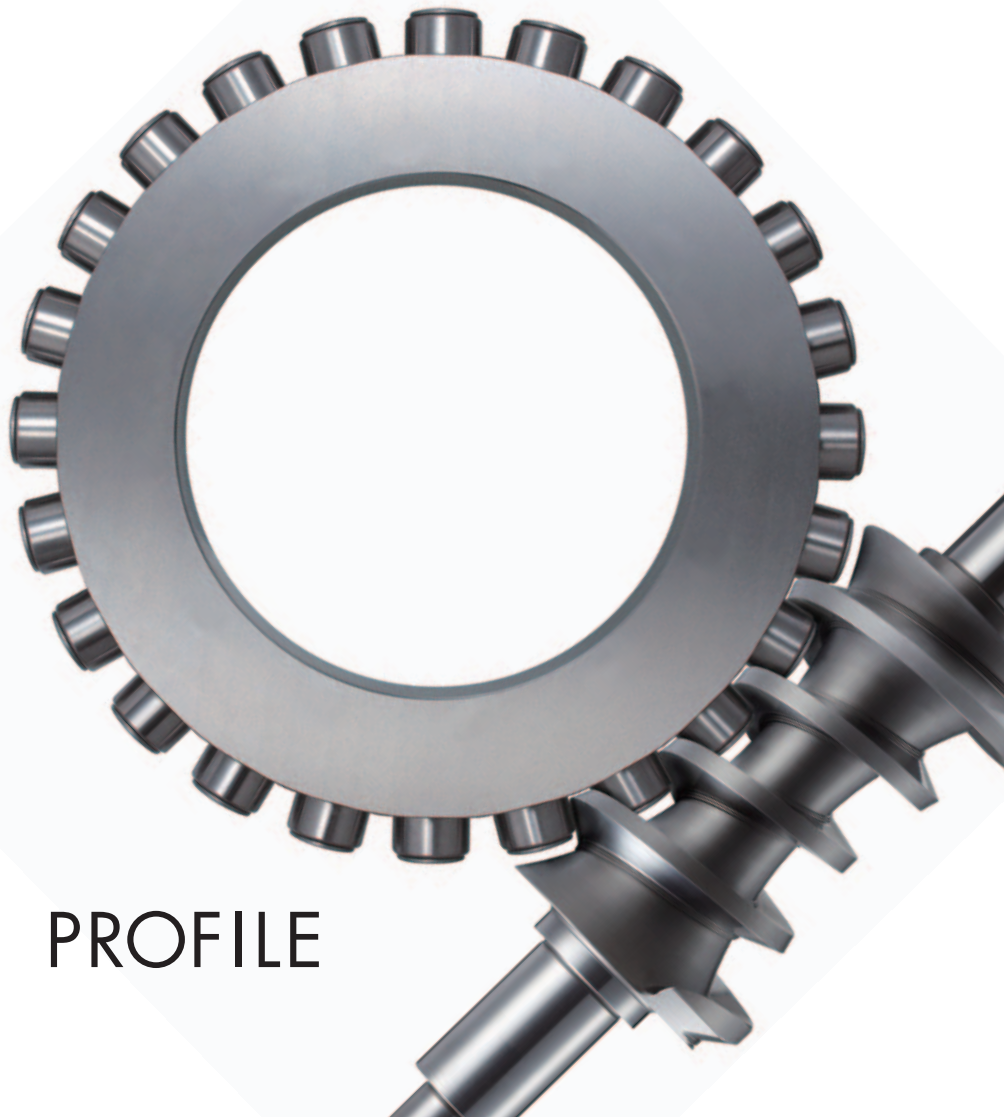
Sandex

Variax

LinerUnit

MachineTools

Integrated Machine



CORPORATE PROFILE

We provide the best service with the best



Since Sankyo Seisakusho Co. began operation in 1938, we have been developing diverse lines of high quality products, helping our customers apply our best solutions, to enhance their own productivity and the quality of their products at optimum prices. We've contributed to the development of industries while paying careful attention to the clarity of the dialogue between each customer and ourselves.

When operating in the face of the great tide that is globalization, there is a strong demand for more speed and change than ever within the economic environment.

We have a skills and knowledge base that we have developed over many years of experience and a serious attitude toward manufacturing that is integral to our inherited business culture. What's more, we expect that making management more agile and reinforcing our strengths as a group will make us better able to contribute to social progress and the preservation of the global environment. In the field of manufacturing, we see that IoT, automation, and rationalization are achieving more and more progress. This inspires us to constantly seek well thought-out manufacturing processes, which result in high precision, high speed, and high efficiency. We will continue to respond to the expectations of all of you by meeting your needs to the best of our ability, while aiming to be a group of companies that is constantly on the leading edge of value creation.

Chairman and CEO

Hironumi Ogawa

solution and the best quality.

Company Profile

Incorporated	May, 1951 (Founded in 1938)	
Head Office	3-37-3 Tabatashinmachi, Kita-ku, Tokyo, Japan 114-8538 Phone: +81-(0)3-3800-3305 Fax: +81-(0)3-3800-3378 URL: http://www.sankyo-seisakusho.co.jp/	
Executive	Chairman and CEO	Hiroumi Ogawa
	Managing Director	Masaki Fukushima
	Director	Yohei Sasaki
	Director	Hironobu Nishimura
	Director	Katsuhiko Hiratsuka
Capital (Consolidated)	¥5,089,000,000	
Number of Employee (Consolidated)	765	
Sales Offices	Japan (Tokyo, Nagoya, Osaka , Miyagi, Shizuoka) Korea (Suwon) Taiwan (Taichung) America (Ohio) China (Shanghai, Shenzhen, Tianjin, Guangzhou, Wuhan) Thailand (Bangkok)	
Factories	Japan (Shizuoka) America (Ohio) Korea (Suwon) China (Hangzhou) Vietnam (Hung Yen)	

Company History

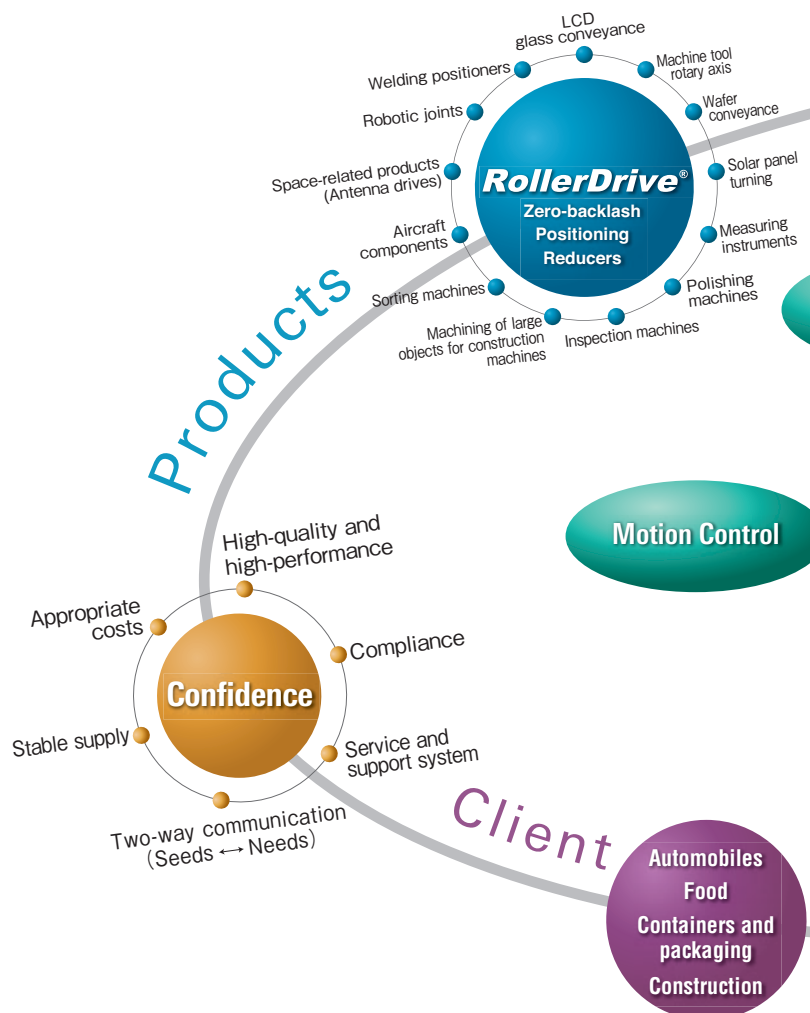
- 1938 Ryohei Ogawa founded Ogawa Seisakusho. The company started by making airplane wings, and tractor parts.
- 1951 The company was renamed Sankyo Seisakusho Limited. The company began making automotive parts and parts for household appliances.
- 1964 The company was reorganized to Sankyo Seisakusho Co., Ltd.
- 1970 Started investigation into development of an intermittent indexer based on the roller gear cam mechanism.
- 1973 Succeeded in developing an indexing drive, and began offering it.
- 1974 Launched a pick and place unit, oscillating handler, and parts handler.
- 1981 Opened the Shizuoka Factory.
- 1982 Developed the VARIAX, the world's fastest and easiest-to-use material feeder.
- 1985 Expanded the Shizuoka Factory making it the world's largest factory for manufacturing cams.
- 1987 Established Sankyo America Inc.
- 1994 Opened the Miyagi Factory.
- 1998 Launched the Alpha Series of integrated drive and index packages.
- 2002 Established Hangzhou Sankyo Machinery Co., Ltd.
- 2005 Developed the RollerDrive, our zero-backlash positioner.
- 2006 Established Sankyo China Trading Co., Ltd.
- 2007 Developed the RollerDrive CNC, our zero-backlash CNC table.
- 2008 Developed the VARIAX VS Series, our servo-driven roll feeder.
- 2012 Developed a high-speed, long-stroke linear motion unit. (Japanese Patent Nos. 4538212 and 4700994.)
- 2013 Completed the Jiang Dong Factory at Hangzhou Sankyo Machinery Co., Ltd.
- 2015 Established Rodax Vietnam Co., Ltd.
- 2017 Established Sankyo Works (Thailand) Co., Ltd.
- 2018 Local subsidiary of Korean Branch: Sankyo Korea Co., Ltd.
- 2019 Launched the RollerDrive RGV and RGR series.

Creating value with the customer

The core technology that started with the development of the roller gear cam in 1970 has been implanted into what are now our core products: the Roller Drive precision reducers; the Sandex indexing systems; the Variax press material feeders; and an array of products for machine tool applications. Two-way communications with the customer has been the key to Sankyo's successful integration of its core products into industrial systems and production lines in a variety of fields: i.e., automotive, foodstuffs, electronic components, semiconductors, precision machines, machine tools, etc.

To strengthen our position as a global supplier of motions for rotating, positioning, shifting, feeding, and matching, Sankyo will expand its service structure to bring us closer to our customers outside Japan.

Our passion for monozukuri continues to drive us to embrace the value of two-way communications by creating new values that meet the demands of our customers.



Case Study (Examples of value creation)

Automotive Industry

- **Stamping motor cores** ➡ High-speed feeding, shorter retooling time
- **Positioner for welding robots** ➡ High level of rigidity, speed, and positioning accuracy
- **Precision positioning of over-sized tooling** ➡ Eliminates external positioning mechanism, extends tooling life
- **Stamping connectors and lead frames** ➡ High-speed operation at 3,000 spms and up



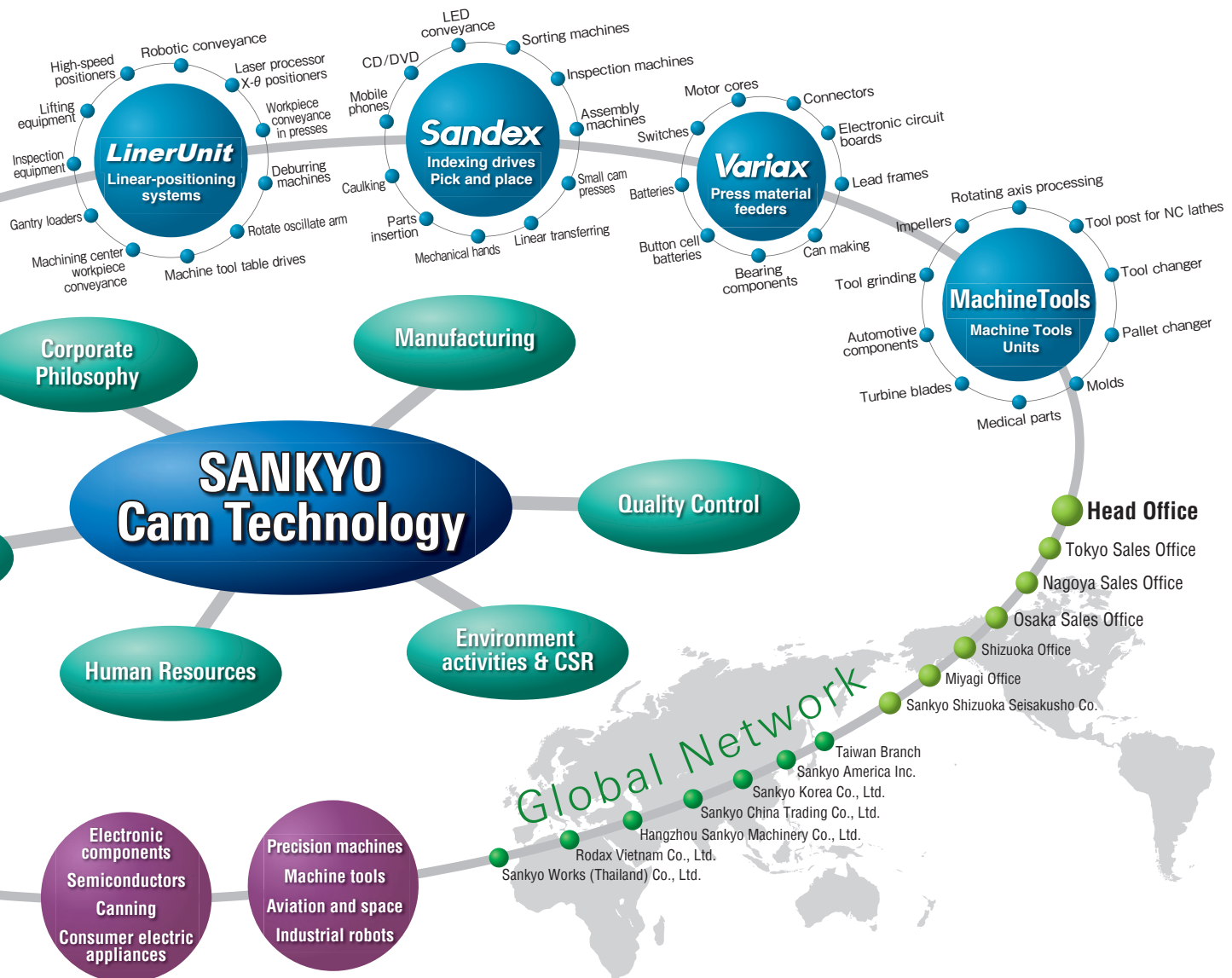
Foodstuff Industry

- **Intermittent-drive automatic confectionery baking machine** ➡ Simplified control and long equipment life

Container and Packaging Industry

- **Pitch conveyor for filling and sealing machines** ➡ Simplified control for stable conveyance, positioning, and longer equipment life.
- **Turntables for filling, bagging, and cosmetic vision inspection**





Electronic Devices Industry

- **Transferring and sorting LEDs** → Vibration-free, high-speed positioning
- **Vision Inspection and Characteristic Testing** → Super high-speed positioning (drastically minimized settling time)
- **Assembling and marking** → Vibration-free, high-speed positioning



Home Appliance Industry

- **Manufacturing LCD panels, personal computers, and tablets** → Stable precision positioning
- **Grinding LC glass** → High-speed indexing of parts with high-rigidity for precision machining



The can manufacturing industry

- **Beverage can manufacturing processes** → Delivers consistent, vibration-free high-speed indexing



Precision Machinery Industry

- **Grinding lenses**
 - **Alignment attachments**
 - **Jewelry finishing processes**
- Using RollerDrives for zero-backlash positioning, high rigidity and high precision processing

Machine Tool Industry

- **Pivoting cores for machine tools**
 - **Multiple-axis tables**
 - **Rotary processing**
- High-speed, precision indexing of the work piece



Aerospace Industry

- **Machining of turbine blade and other parts for aerospace use** → Rigid, continuous machining with zero backlash
- **Rotary positioner for parabola antennas** → Continuous Zero-backlash positioning



Robot Industry

- **Transfer robots** → High speed and long distance feed using LinerUnits



Sankyo Seisakusho contributes to manufacturing in the automobile, medical, and aircraft industries

Sankyo products are major components that provide movement during manufacturing processes. They play central roles in automatic machinery at production sites in the automobile, aviation, medical, and food industries, for the manufacture of everything from very advanced products to daily commodities items. This range includes such things as EV car motor cores, aircraft parts, impellers, liquid crystal substrates, ampoule inspection machines, and cans.

Currently, rationalization and higher speeds are being required in the field of manufacturing. Sankyo Seisakusho contributes to higher productivity, higher precision, and higher quality because our products, based on our outstanding motion control technologies, bring added value to our customers.

RollerDrive

Our RollerDrive is the ultimate high performance rotary positioning unit. It uses a roller gear cam mechanism for excellent precision, rigidity, and durability. The products in this series deploy variations on their collective strengths, to provide qualities that are specialized for each different application. These strengths included high speed, high precision, high torque to drive heavy loads during positioning, and high rigidity to improve processing quality. They are used in a wide range of applications, including positioning machine axes, in grinders for the edges of LEC glass substrates, industrial robots that transfer large glass substrates, and positioners for large automobile welders.

Sandex

Sandex combines indexing equipment with roller gear cams and cam followers. This provides high speed, high performance, and high rigidity.

Sankyo was the first to develop this mechanism in Japan. Since then, it has been applied to providing highly precise and highly efficient positioning of such devices as inspection machines, assembly machines, filling machines, etc. Sandex's outstanding performance and reliability record has earned it a sterling reputation.

Variax

Variax is a high performance feeder for pressing machines that uses state-of-the-art drive knowhow based on our outstanding cam technology. With this series, the feed length, material thickness, and gripping force can be adjusted while the device is in continuous operation. This excellent operational control, high precision, and high speed performance contribute greatly to improved productivity during the manufacture of electronic parts and automobile motor cores.

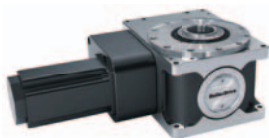
MachineTools

Sankyo Seisakusho's products for machine tools are installed on many high-performance machine tools. Made as proprietary units by various machine tool manufacturers. They support the foundation of manufacturing businesses around the world, and contribute greatly to the development of cutting edge products. We develop products for conventional as well as new facilities.

LinerUnit

High speed and high power linear drive positioning mechanism using roller gear cams. This is highly anticipated as the next generation linear motion conveyance device that will enable the transportation of heavy materials and industrial robots, which will lead to great improvements in productivity.

RollerDrive



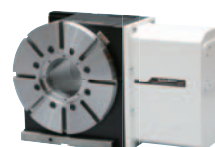
Sandex



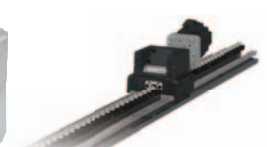
Variax



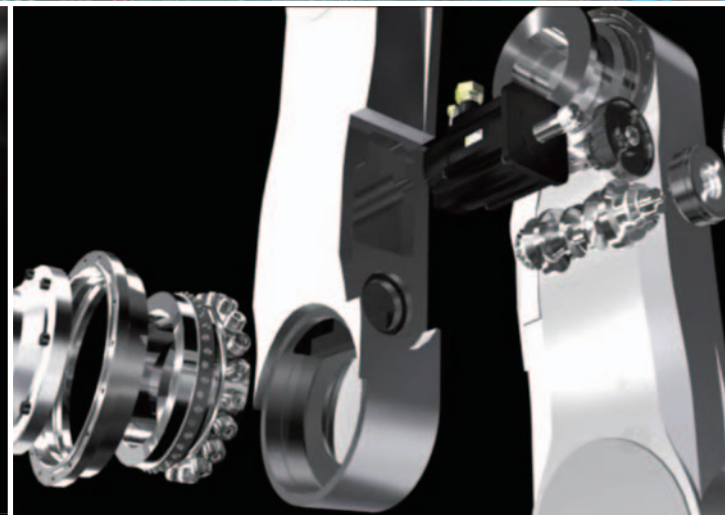
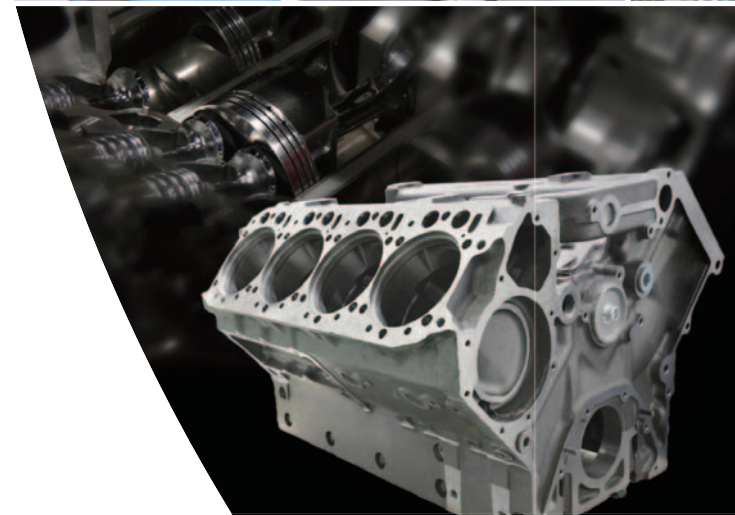
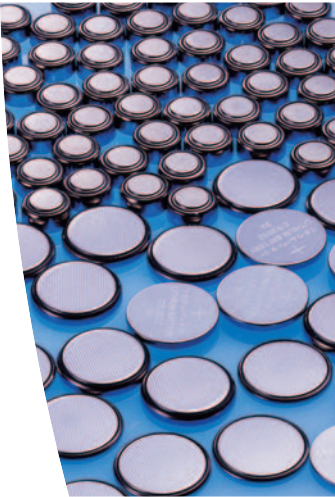
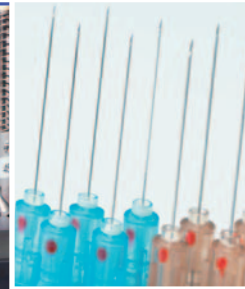
MachineTools



LinerUnit



uring
ustries.



Good products are made in a good environment.

Our good production environment results in our continued reputation for high quality.

Sankyo Seisakusho's products are integrated into machinery such as machine tools, semiconductor manufacturing devices, and precision parts manufacturing devices and production lines that require advanced performance and high precision, high productivity and outstanding reliability.

Our products are configured with precision machine and microelectronic parts, and must be free from powder, dust and dirt. This is especially true of our RollerDrive mechanism, at the heart of these products.

If a tiny volume of dust enters a product, its precision will be negatively affected and it may begin to vibrate. This kind of intrusion can even cause a serious problem, such as shortened service life or a malfunction.

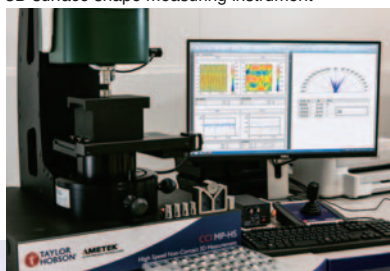
Therefore, in order to meet our customers' stringent requirements for high performance and high quality, we make unique adjustments to our production environment so we can supply highly reliable products, without fail, time after time.

Needless to say, we verify our quality management by obtaining ISO9001 certificates for our factories everywhere in the world. We also promote our quality warranty activities by unified collaboration across our production areas and among our technical and research departments, in order to achieve and maintain the highest reliability.

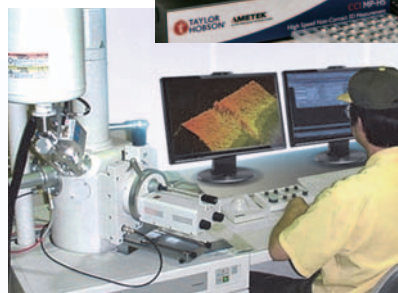
Yes, the factory environment is important to us.

However, we also take very seriously the environments in which our employees work. We practice our unique manufacturing style in all our factories, around the world, constructing better production environments everywhere we go.

3D surface shape measuring instrument



Roundness measurement



Material analysis using an electron microscope



Profile measurement using a coordinate measurement machine

ment.

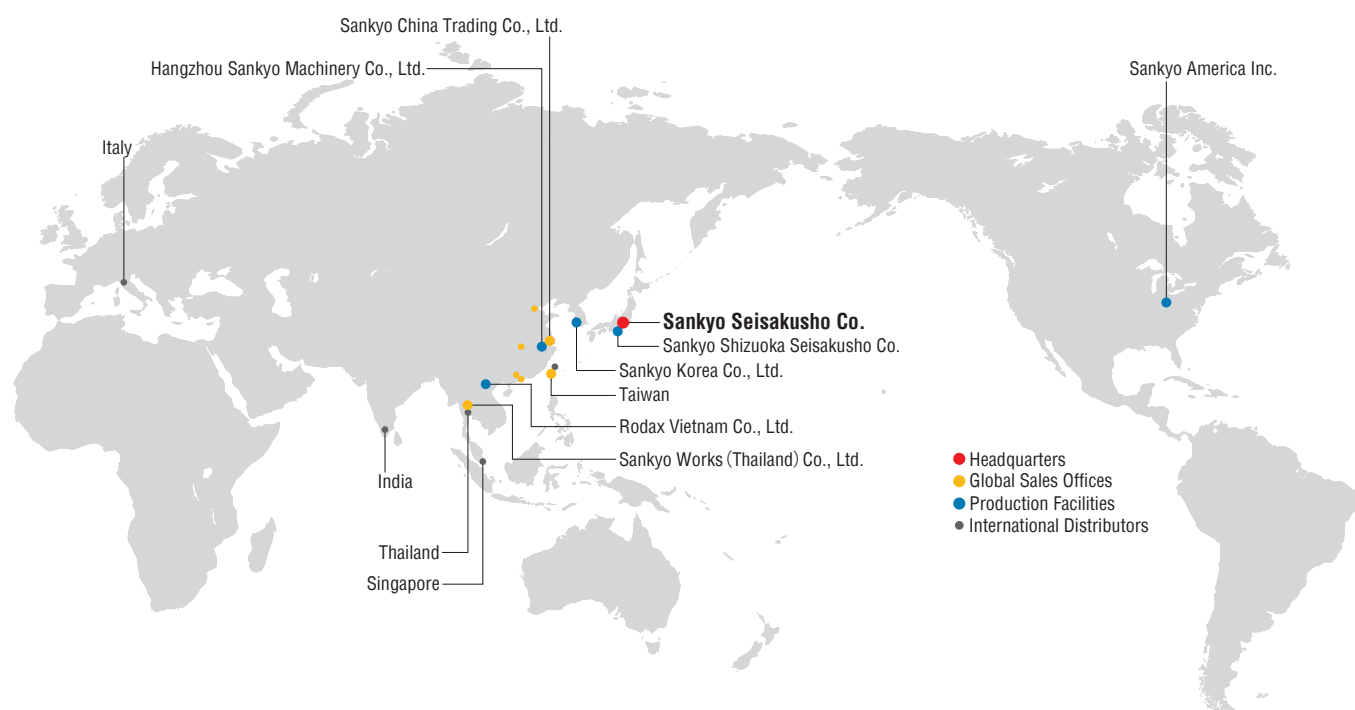


A global organization that meets customers' needs

A global market requires really fast service.

We set up production organizations in Japan, USA, Korea, China, and Vietnam, and expanded production, sales, and rapid service based in each of these areas.

We tackle product development, manufacturing, sales, and distribution using the strengths of the individual local areas as well as those of our whole group, including our business sites in Japan. With effective collaboration among the separate departments and the individual sites, we optimize costs, competitiveness, and product efficiency.



Domestic Offices

Tokyo Headquarters
Tokyo Sales Office
Nagoya Sales Office
Osaka Sales Office
Miyagi Sales Office
Shizuoka Sales Office

Global Sales Offices

Sankyo Seisakusho Co. Taiwan Sales Office
Sankyo America Inc. (USA)
Sankyo Korea Co., Ltd. (Korea)
Sankyo China Trading Co., Ltd. (China)
Shenzhen Sales Office
Tianjin Sales Office
Guangzhou Sales Office
Wuhan Sales Office
Sankyo Works (Thailand) Co., Ltd. (Thailand)

International Distributors

Sankitai Co., Ltd. (Taiwan)
No.28, Lane 140, Dechang St., Yingge Town,
New Taipei City 23943, Taiwan (R.O.C)
Phone: +886-(0)2-86780151 Fax: +886-(0)2-86780155
Email: lai@sankitai.com.tw

Sinew Enterprise Co., Ltd. (Taiwan)
9F-1, No.17, Nanking E. Rd. Sec.4, Taipei, 10550 Taiwan
Phone: +886-(0)2-2712-3111 Fax: +886-(0)2-2712-3110
Email: info@sinew1973.com

Ueno (Thailand) Co., Ltd. (Thailand)
3/1 Soi Ramkhamhaeng 12, Yaek 2
Huamark, Bangkok, Bangkok 10240 Thailand
Phone: +66-(0)2-3198180 Fax: +66-(0)2-3199056
Email: utc@ueno.co.th

Production Facilities

Sankyo Shizuoka Seisakusho Co.
Sankyo America Inc. (USA)
Sankyo Korea Co., Ltd. (Korea)
Hangzhou Sankyo Machinery Co., Ltd. (China)
Rodax Vietnam Co., Ltd. (Vietnam)

Hikari Automation System Pte Ltd (Singapore)
No.1, Ubi View, #01-03 Focus One Singapore 408555
Phone: +65-(0)6744 1529 Fax: +65-(0)6744 1753
Email: sales@hikari.com.sg

Overmach S.p.A (Italy) CNC Rotary Table Agent
Via Giuseppe Righi, 12, 43100 Moletolo (Parma), Italy
Phone: +39-(0)521-77-1071 Fax: +39-(0)521-77-1291

Visionpro Technologies (India) CNC Rotary Table Agent
No.95K/1, 1st Floor, SP Ambattur Industrial Estate,
Ambattur, Chennai - 600058
Phone: +91-(0)44-2652-1130
Email: contactus@visionprotechnologies.com
URL: <https://www.visionprotechnologies.com>

Galaxy Techniques (India) Variax Agent
5/78A, K.N. Palayam, Pogalur, Annur, Coimbatore 641 697
Phone: +91-(0)98430-48930
Email: info@galaxytechniques.com
URL: <http://www.galaxytechniques.com>

Sankyo America



USA



In 1987, we established Sankyo America in Sidney, Ohio, in the USA. This factory manufactures our precise positioning and related devices, high speed materials feeders for presses, and automatic devices, and sells them in the North American, European and Latin American markets.

Sankyo America develops business close to the area where it is located. Because it is keenly aware of local market trends, it provides solutions that help its customers cope with their actual situations and meet market needs in a timely manner.



Company name	Sankyo America Inc. (dba Sankyo Automation)
Company address	10655 State Route 47 Sidney, Ohio, 45365 U.S.A. Phone: +1-(0)937-498-4901
Established	September 1987
Main business contents	Manufacturing and selling products and services to North America, Europe and Latin America <ul style="list-style-type: none">●Precise positioning and related devices for each industry●High-speed materials feeding equipment for press machines●Automatic machines

Sankyo Korea Co., Ltd.



KOREA



We opened our Korean branch in 2013, as a sales base in that country, and it was incorporated in 2018. Product manufacture will begin in June of 2019.

This operation will allow us to enhance our quality, delivery and service, and move toward global expansion. It will provide benefits to Korea while serving as a site where Sankyo Group can manufacture globally competitive products.



Company name	Sankyo Korea Co., Ltd.
Company address	1449-48 Seobu-ro, Gwonseon-gu, Suwon-si, Gyeonggi-do, 16643 Korea Phone: +82-(0)31-895-5991
Established	September 2018
Main business contents	Manufacturing Sankyo products Manufacturing, selling, and providing services for Sankyo products inside Korea ●Precise positioning and related devices for each industry

Hangzhou Sankyo Machinery



CHINA



We established a factory in Hangzhou, Zhejiang, China in 2000. Many Japanese companies have made inroads into China. We have set up a consistent production system that does everything, ranging from development to manufacturing, and we always strive to manufacture only high-quality products. As a product supply base from China of the Sankyo Group, this factory delivers competitive products for global markets in a timely manner.



Company name	Hangzhou Sankyo Machinery Co., Ltd.
Company address	No.2518 Jiang Dong 2 Road, Hangzhou Jiang Dong Industrial Park, Xiaoshan Zone, Hangzhou, Zhejiang, China Phone: +86-(0)571-8283-3311
Established	June 2000
Main business contents	Development and manufacture of products and services for global markets <ul style="list-style-type: none"> ●Precise positioning and related devices for each industry ●High-speed materials feeding equipment for press machines

Rodax Vietnam

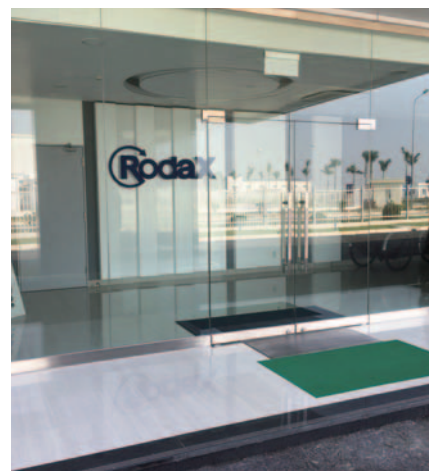


VIETNAM



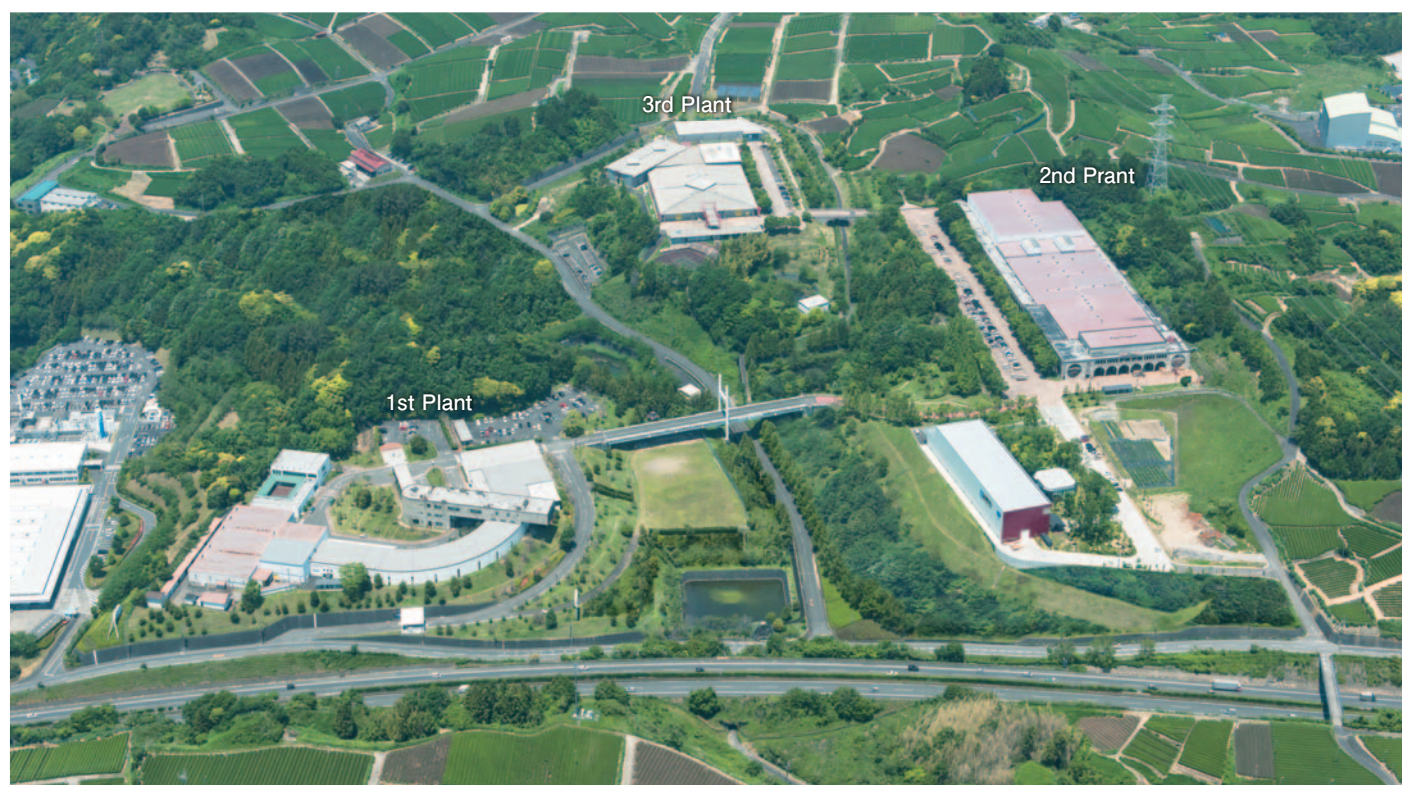
Many Japanese companies have production bases in Vietnam. In response to the requests of the sharply rising Asian market, in 2015 Sankyo Seisakusho established Rodax vietnam, a group company, in Vietnam.

We constructed a state-of-the-art factory in Hung Yen Province, Vietnam, that went into production in 2016. With a second production base in Asia, next to that in China, we reinforced our production and service system in order to respond quickly and accurately to customer needs.



Company name	Rodax Vietnam Co., Ltd.
Company address	Plot No. M1, Thang Long Industrial Park II Di Su, My Hao, Hung Yen, Viet Nam Phone: +84-(0)221-3-589701
Established	June 2015
Main business contents	Manufacturing Sankyo products

Sankyo Shizuoka Seisakusho



JAPAN



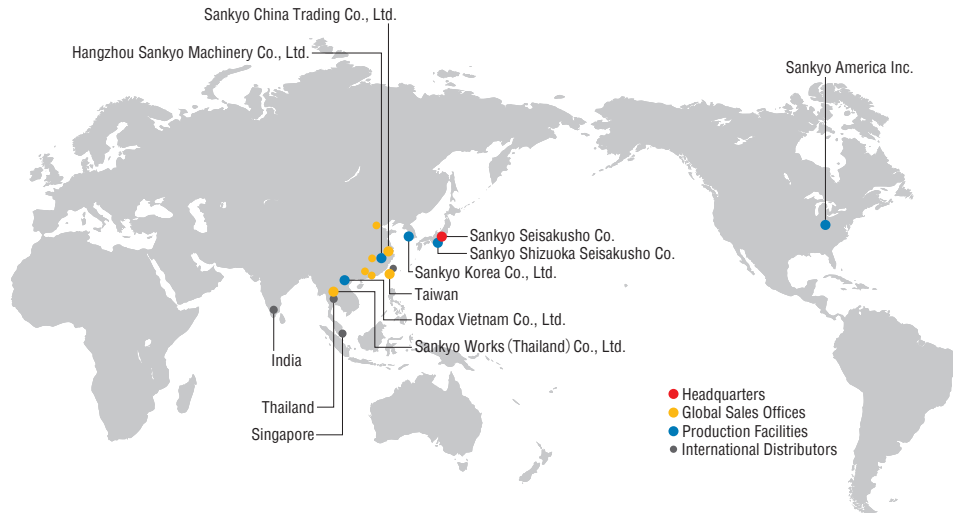
The Sankyo Shizuoka seisakusho is the largest one in the world that manufactures cams, exclusively.

In an excellent production environment and with superb quality control, the plant produces Sankyo products in an integrated manner, from development to production. In addition, in its state-of-the-art research facility, this plant researches new products as a world strategy for keeping ahead of the advancing wave of globalization



Company name	Sankyo Shizuoka Seisakusho Co.
Company address	2290 Honjo, Kikugawa, Shizuoka, Japan 439-0018 Phone: +81-(0)537-36-5715
Established	January 2017
Main business contents	Development and manufacture of products, plus service <ul style="list-style-type: none"> ●Precise positioners and related devices for FA ●Precision positioners and related devices for machine tools ●Various automated machines

Global Network



Domestic Offices

■Tokyo Headquarters

3-37-3 Tabatashinmachi, Kita-ku, Tokyo, Japan 114-8538
 Phone: +81-(0)3-3800-3305 Fax: +81-(0)3-3800-3378
 Email: general@sankyo-seisakusho.co.jp
 URL: <http://www.sankyo-seisakusho.co.jp/>

■Tokyo Sales Office

3-37-3 Tabatashinmachi, Kita-ku, Tokyo, Japan 114-8538
 Phone: +81-(0)3-3800-3330 Fax: +81-(0)3-3893-7065
 Email: tky-sales@sankyo-seisakusho.co.jp

■Nagoya Sales Office

1-3-3 Fukue, Showa-ku, Nagoya-shi, Aichi, Japan 466-0059
 Phone: +81-(0)52-857-0577 Fax: +81-(0)52-883-5188
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■Osaka Sales Office

1-1-10 Nagatahigashi, Higashiosaka-shi, Osaka, Japan 577-0012
 Phone: +81-(0)6-6618-7000 Fax: +81-(0)6-6618-7001
 Email: osk-sales@sankyo-seisakusho.co.jp

■Miyagi Sales Office

2-1 Yomogitanishi, Shiwahime Minamigo, Kurihara, Miyagi, Japan 989-5611
 Phone: +81-(0)228-23-5122 Fax: +81-(0)228-23-5123
 Email: myg-sales@sankyo-seisakusho.co.jp

■Shizuoka Sales Office

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Group Company

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Global Sales Offices

Headquarters (International Sales Division)

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 Email: overseas@sankyo-seisakusho.co.jp
 URL: <http://www.sankyo-seisakusho.co.jp/>

Taiwan Sales Office

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 Phone: +886-(0)4-2359-4048 Fax: +886-(0)4-2359-4720
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Group Companies

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 Phone: +1-(0)937-498-4901 Fax: +1-(0)937-498-9403
 Email: sales@sankyoautomation.com

Sankyo Korea Co., Ltd.

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 Email: kr-sales@rollerdrive.com

Sankyo China Trading Co., Ltd.

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 Phone: +86-(0)21-5445-2813 Fax: +86-(0)21-5445-2340
 Email: sales@sankyochina-trading.com

[Shenzhen Sales Office]

Unit 19j, Tower B, Neo Building, No.6009 Shennan Avenue,
 Futian District, Shenzhen China
 Phone: +86-(0)755-8230-0270 Fax: +86-(0)755-8236-4605

[Tianjin Sales Office]

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[Guangzhou Sales Office]

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 Guangzhou Economic Development Zone, Huang Pu, Guang Zhou 510670 China
 Phone: +86-(0)20-8985-1846 Fax: +86-(0)20-8225-7346

[Wuhan Sales Office]

Room 2301, Taihe Square, No.134 Wusheng Road, Wuhan, Hubei Province China
 Phone: +86-(0)27-8568-5818 Fax: +86-(0)27-8568-2818

Hangzhou Sankyo Machinery Co., Ltd.

No.2518 Jiang Dong 2 Road, Hangzhou Jiang Dong Industrial Park,
 Xiaoshan Zone, Hangzhou, Zhejiang, China
 Phone: +86-(0)571-8283-3311 Fax: +86-(0)571-8283-1133

Rodax Vietnam Co., Ltd.

Plot No. M1, Thang Long Industrial Park li
 Di Su, My Hao, Hung Yen, Viet Nam
 Phone: +84-(0)221-3-589701 Fax: +84-(0)221-3-589708

Sankyo Works (Thailand) Co., Ltd.

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 Klong Luang, Patumthani 12120 Thailand
 Phone: +66-(0)2-516-5355 Fax: +66-(0)2-068-0931
 Email: sales@sankyo-works.co.th