

# In all fields of Industrial Machinery



# Corporate Philosophy

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We contribute to the human and social development through innovation and the new value creation in a borderless global society while pursuing the material and moral happiness of our employees.

## **A general trading company specializing in industrial machinery in the Sojitz Group: providing total support on your growth in Japan and beyond**

As a core member of the general trading company the Sojitz Group, Sojitz Machinery Corporation is a trading company dealing in a full range of industrial machinery. We offer total support on your growth in Japan and beyond as it engages in full range of business, export, import and domestic and overseas trading of plants, equipment, materials and machinery used in steelmaking, chemicals, electric power, automobile, home electric appliances, electronic devices, and many other industrial sectors, while also offering functions essential for introducing equipment and launching overseas operations.

Our activities are supported and performed by the following background and operation as a high level specialist and generalist.

A history and integration of four trading companies specializing in Sojitz Group through their long accumulated expertise

Close collaboration with Sojitz Group companies specializing not only in machinery but also in steel, chemicals, lumber, food and other industrial sectors

A global network, 80 Sojitz Group offices worldwide and Sojitz Machinery's nine domestic and thirteen overseas bases, with great information collection ability

A customer base of at least 2,000 domestic and overseas accounts and extensive knowledge and experience accumulated through business with them

# In all fields of Industrial Machinery

Sojitz Machinery aspires to continuously serve our customers through untiring efforts to build up our capacity to create extra value on the basis of our unique position as a general trading firm specializing in industrial machinery.

## Five Business Divisions Working on Different Industrial Sectors

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### Environment & Lifestyle Industrial System Division

Manifesting unique expertise in a wide range of fields, including plastic-resin, textiles, semiconductors, the environment, food products, and forestry

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### Marine & Heavy Industries Division

Contributing to a diverse range of products for the domestic primary materials industry, centering around ferrous and non-ferrous products, and the shipping industry

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### Power & Nuclear Division

Proceeding with business activities that cater to global needs in the fields of energy plants, power generation and substations

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### Supply Chain Management Division

Making contributions with advanced expertise in the three main fields of motorcycles, Autrans and bearings

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### Mobility Division

Providing total support both in Japan and overseas for the manufacture of automobiles and components

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## The Sojitz Group's Network that Supports Global Activities

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# Environment & Lifestyle Industrial System Division

The Environment & Lifestyle Industrial System Division provides overseas components for all manner of plastic-resin product production lines (films, sheets, non-woven materials, etc.), environmentally friendly and clean energy equipment, healthcare equipment, as well as equipment for the agricultural and construction industries. We draw on our unique expertise in a wide range of fields, including semiconductor manufacturing units and materials, to operate a business that aligns with customer needs by providing overseas equipment made mainly in Europe. In the field of food production equipment, we work together with leading European suppliers to provide state-of-the-art machinery and systems for the agriculture, food processing, and beverage industries.

For major e-commerce companies, logistics warehouses, and for the food and manufacturing industries, we also proactively promote the use of cutting-edge, overseas logistics automation and labor-saving systems that meet the needs of our customers and resolve issues at their workplaces. In the field of forestry equipment, we provide total solutions aimed at all processes, covering everything from logging to chipping.

## Provision of upstream through to downstream services for plastic-related equipment — Plastic-resin and fabric facilities

We provide optimal facilities for both Japanese and overseas manufacturers of plastic-resin materials, films, and non-woven fabrics, in line with their requirements.

We have also built up formidable results and been highly-acclaimed for delivering equipment to overseas locations for customers expanding their business affairs abroad, which is becoming more common in recent years, and for providing installation support and after-care services for this equipment.

For customers involved in the fields of plastic materials, films, and sheets, we offer single-screw and twin-screw extruders, granulation equipment, coating systems, conversion systems and other related equipment made by Japanese and overseas manufacturers.

For example, we offer equipment made by European manufacturers in mainly Germany and France—two countries renowned for their advanced technologies—to customers considering developing and manufacturing value-added compounds, battery films, high-function films for 5G-related products, mono-materials, food-packaging materials, carbon fiber composite materials, and other components. We also actively introduce customers who wish to reduce fixed costs to inexpensive Taiwanese products that have been praised for their technological excellence and boast proven results.

For customers in the field of non-woven fabrics who are considering spunbond and meltblow devices for producing various types of industrial materials including hygienic materials, civil engineering materials and medical materials, we supply spinning machines with the world's highest standards manufactured by Reifenhäuser Reicofil of Germany, for which we operate as the general agency, and high-speed winders, slitters and rewinders manufactured by A.Celli of Italy. In addition to the above, we are also able to provide other processing devices that are used from the upstream to downstream stages of production, such as spun-lace, air-through and other facilities related to a wide range of non-woven fabrics, and we have also established a system in which we are able to propose secondary processing devices, such as laminators and applicators, as well as packing facilities and automated facilities, in alignment with customer requirements.



Simultaneous biaxial stretching machine manufactured by Marchante of France



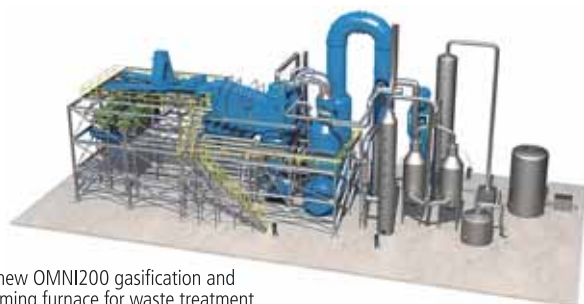
Spunbond production line manufactured by Reifenhäuser Reicofil of Germany



Film cast line manufactured by Reifenhauser of Germany



Slitter/winder manufactured by A.Celli of Italy



The new OMNI200 gasification and reforming furnace for waste treatment

## Contributing to environmentally friendly businesses via cutting-edge technologies

Today, many companies are already engaged in initiatives for reducing greenhouse gases (GHGs) and procuring clean energy by 2030, with the goal of realizing a carbon-neutral society. To support these initiatives, for customers in Japan and overseas we deliver and provide both installation support and aftersales services

for waste plastic and recycling plant machinery capable of the 3Rs of “recycle,” “reuse,” and “reduce.” We boast a rich track record of success in this field and, as such, we are highly valued by our customers. In particular, we boast an overwhelming share of the market for PET bottle recycling cleaning lines. Currently, we are not limited to beverage bottle recycling, and are expanding our proposed applications to include toiletry bottle and cap recycling.

We also offer sought-after technologies for the removal of film coating materials, which enable the recycling of mold release films for multilayer ceramic capacitors (MLCCs) and other converting films. In recent years, our range of Japanese and overseas plants and facilities capable of generating biogas, syngas, hydrogen, and other forms of energy from waste and sludge have attracted interest from our customers, too.

## Healthcare facilities

The Japanese market for pharmaceutical machinery is projected to continue to enjoy stable growth. As such, we have become the exclusive Japanese agent for GEA Pharma & Healthcare, one of the five largest pharmaceutical machinery companies in the world and the de facto standard for continuous manufacturing facilities. Leveraging our tie-ups with GEA Pharma & Healthcare and other companies, we are able to offer total solutions for pharma equipment, including both sales and aftersales services, and we are working to establish a position as a leading player in the industry. For Indian and other emerging markets expected to undergo further expansion, we sell artificial hollow fiber dialyzers made in Europe, as well as a range of Japanese medical equipment. We are in this way actively expanding our healthcare business both in Japan and overseas.



LYOVAC series of freeze driers



Pharmaceutical continuous manufacturing line



Semiconductor manufacturing unit manufactured by Hanmi Semiconductor Co., Ltd.

## Equipment and materials for the production of semiconductors and electronics

In the field of semiconductors, today advanced nations are advancing carbon-free policies, 5G markets are expanding, and automobiles are becoming increasingly electrified. For this reason, we have adopted initiatives aimed at the market for power semiconductors—which are continuing to enjoy a period of expansion—photonics communication devices, advanced semiconductor package substrates, and other high value-added semiconductors.

The Division is involved in the sale of all types of manufacturing units, covering pre-processing through to post-processing, to domestic and overseas manufacturers that produce these products, as well as materials used in the production of semiconductors, such as gallium oxide (Ga2O3) wafers that are attracting attention as next-generation components for use in power semiconductors. We place a particular focus on equipment and materials manufactured in Korea. We are a distributor for Hanmi Semiconductor—a leading Korean manufacturer of semiconductor production equipment with a large share of the global market, for visual inspection equipment maker ATI, and for Taesung—a manufacturer of wet process equipment for packaging substrates, and we work to sell their products to Japanese companies. In addition, we are actively expanding sales in the Chinese market for popular 5G-related technologies, manufacturing equipment for producing micro-OLED displays, which serve as core components of augmented reality (AR) and virtual reality (VR) products, and raw materials, including those used in consumable parts.

## Handling a broad range of equipment imported from Europe — Agriculture, food production, and beverage equipment

Working primarily with leading European suppliers, we offer a wide range of equipment for the agriculture, food production, and beverage industries. In the agricultural field, we offer a diverse lineup of products, including storage, grading, mainly for root crops. In the field of food production, we offer a wide range of Kiremko products for root vegetables, including steam peelers, blanchers, steamers, and slicers. In the field of beverages, we provide total solutions based on ACMI products, such as PET blow molding, filling, labeling, and packaging machines. In addition to the above products, we also offer a range of unique equipment, such as dry lubrication systems for the transportation of PET bottles, form-fill-seal (FFS) machines, sterilization systems, cheese production machines, biscuit ovens, candy equipment, pasta production plants, and broccoli cutters. We also handle various machines of manufacturers in Japan. We provide not only equipment but also contracting services for installation work and construction.



Form-fill-seal (FFS) machine manufactured by SACMI of Italy



OMNI SORTER MINI, an automated product sorting machine made by HC Robotics in China

## Solutions for a shrinking workforce and optimizations — Logistics automation and labor-saving equipment

At Sojitz Machinery, we propose logistics automation and labor-saving solution that cater to the workplace demands and issues of our customers. We propose optimal solutions for all manner of processes—from warehousing to delivery—used by major e-commerce companies, logistics warehouses, and the food and manufacturing industries. To this end, we work with Japanese and overseas manufacturers and systems integrators to offer Chinese-made 3D sorters, AMRs, palletizing and depalletizing systems, and automated warehouses, as well as European omnidirectional conveyors.

## Effectively using forestry resources and enriching the land — Forestry machinery

We import and sell high performance forestry machines, including harvesters and processors, which provide a number of benefits, such as increasing productivity of forestry, enhancing safety, and reducing manpower. Through these efforts, we have a track record of more than 30 years in the field of forestry. We provide a wide range of products, such as felling, logging, loading, carrying, wood crushing, and wood chipping to forestry associations and forestry related companies in Japan. We receive high reputation on the machines and services we provide. We enjoy a large market share in the forestry machinery market in Japan. We are working to solidify our position as the industry leader by offering all-inclusive solutions, including forestry related parts and components. We continue to contribute to the effective use of forestry resources and preserves land conservation.



Harvester head of KETO, Finland

# Marine & Heavy Industries Division

The Marine and Heavy Industries Division consists from two sales departments. Sales Department 1 supply a diverse range of products for the Japanese primary materials industry—for both ferrous and non-ferrous metals—and for our recently launched Indian railroads projects. Sales Department 2 focuses on the shipping industry, including general merchant ships, gas carriers such as LPG and ammonia carriers, and work vessels for offshore wind power installations. Our line-up ranges from high-quality products manufactured in Europe and Japan to cost-effective products manufactured in Asia; we install new technologies and introduce new products to customers worldwide.

## Co-creation projects with Sojitz Corporation and expanding our business in India

Sojitz Corporation (Sojitz Machinery's parent company) has received an order for the construction of the Mumbai–Ahmedabad High Speed Railway project. Having been tasked with supplying the necessary machinery, we are in the process of proposing high-quality Japanese machineries and equipment for use in building both railroad itself and its associated infrastructure. In this way, we are playing our role in the construction of Indian infrastructure as a member of the Sojitz Group. Indeed, in light of its rapid growth, our Division has positioned India as one of the priority markets. As such, we are working to expand sales of large-scale plants, equipment, and machinery—including carbon-neutralization and energy-saving fields—for blast furnace mills, a field we have long been active in. Our products and solutions are quick, easy to implement, budgetary and environmentally friendly.



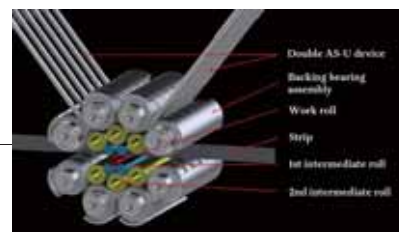
Next-generation heavy construction vehicles made in China

### New China-based initiatives

In the field of materials and product handling, we offer the most advanced cargo handling equipment in the world; which we aim to be capable of fully automated or remote operated in the near future. For companies working to achieve net zero carbon emissions, we also offer heavy construction equipment that runs on lithium-ion batteries. In this way, we provide our customers with capital investment solutions that are quick, easy to implement, affordable, and environmentally friendly.

## Total solutions based on extensive experience —— Heavy industries

For blast furnace mill manufacturers and their subsidiaries, major electric furnace manufacturers, as well as manufacturers in non-ferrous fields in Japan, we deliver primary and ancillary equipment and machinery for use from upstream to downstream, process lines and inspection lines. The equipment we offer is manufactured in a variety of countries, including Japan, Europe, China, South Korea, and Taiwan. Notably, we work together with our affiliate Sendzimir Japan to sell Sendzimir rolling mills, which is one of its core products. We contribute to the production of high-performance special metals, which are used in lithium-ion batteries and transformers.



Detailed view of the Sendzimir 20 High Mill



Mario Frigerio large-diameter (13 mm-diameter) copper rod drawing machine and in-line annealer

## A wide-ranging product line-up and a reassuring aftersales service system —— Wire rod processing

For Japanese manufacturers that produce steel wires and electrical wires, we supply manufacturing equipment for processes such as wire drawing, heat treatment, stranding, coating, plating, insulation by extrusion, and enameling, as well as a variety of equipment that caters to carbon-neutral technologies and other technologies that reduce environmental impact of the forementioned processes. The electrical wires and cables that are produced in the equipment outlined above are finished products used in wide-ranging fields: undersea cables that transmit renewable energy from Japanese offshore wind farms to consumers; and winding wires, battery cables, and harnesses used in BEVs, HEVs, and other electrified vehicles.

We can provide the best solutions for each individual processes from our wide product lineup; from high quality products produced in Europe to cost-effective products made in Asia. We also offer secondary processing machine for cold finished carbon and alloy steel bars mainly from European machinery manufacturers. To ensure that our customers can install various overseas products with confidence, we offer thorough aftersales services for the maintenance and operation of equipment in cooperation with electric control and engineering companies.



## Sales of marine equipment and engine components

A ship, a steel object from a hundred to several hundred meters long and dozens of meters wide and deep, is spectacular from the outside, but the inside is also quite impressive. A roaring, huge engine. Pipes and ducts meandering around the hull like blood vessels. And the myriad devices that control navigation and cargo handling. Ships are often compared to factories, but they are by no means simple factories. Our company is a leader in the marine and engine component-related equipment business, a field that has been part of our business landscape for over half a century.

Our customers include shipyards, shipping companies, and engine manufacturers not only in Japan but across the globe. We support major international projects of ammonia and LPG carriers, delivering vessels which use alternative-fuels such as LNG, ammonia, and methanol, as well as providing offshore vessels for offshore wind power installations. We anticipate the current trends in shipping and shipbuilding, such as equipment and engine components for alternative-fuel vessels in response to recent tightening of environmental regulations, and digitalization efforts, and constantly introduce the latest products and technologies to meet the diverse needs of our customers.



LPG Re-Liquefaction Plant (Nissin Gas Engineering Ltd.)



HORIBA, Ltd. portable exhaust gas analyzer for next-generation ships (N<sub>2</sub>O, NH<sub>3</sub>, CH<sub>4</sub>, HCHO, etc.)

HORIBA Advanced Techno Co., Ltd. water quality monitor for ship exhaust gas purifiers

## The challenge of carbon neutrality and digital transformation

At Sojitz Machinery, one of our strengths is our ability to assist our customers in receiving various subsidies that ease the burden of capital investments. By combining these subsidies with optimal technologies and equipment, our solutions empower customers both to achieve carbon neutrality swiftly and to promote digital transformation (DX).

## Meeting the needs of the times: new technology initiatives

For about half a century, we have introduced and supplied marine equipment boasting the latest technology across the globe, particularly from Europe to Japan, and from Japan to China and Korea. As the shipping industry continues to decarbonize, we intend to utilize our global network to provide support for the development of alternative-fuel ships, as well as new exhaust gas analyzers essential for their operation. In this way, we hope to contribute to the global environment, the shipbuilding and marine industry, and the shipping industry as a whole.

Examples of products handled:

- Portable exhaust gas analyzer for next-generation ships (N<sub>2</sub>O, NH<sub>3</sub>, CH<sub>4</sub>, HCHO, etc.), by HORIBA, Ltd.
- Water quality monitor for ship exhaust gas purifiers, by HORIBA Advanced Techno Co., Ltd.
- Liquid hydrogen pumps, high-pressure pumps for LNG fuel, and compressors, etc. by Cryostar SAS
- Heat exchangers for hydrogen/LNG fuel by Vahterus Oy
- Engine and LNG ship navigation simulator, by Kongsberg Digital

## A link between cutting-edge technologies and markets

At Sojitz Machinery, we offer wide-ranging production equipment that meets the labor-saving and automation needs of ship builders and marine equipment manufacturers. We also utilize our international network to provide various solutions, including introducing our customers to cutting-edge technologies. Our comprehensive aftersales service ensures that the products we sell can be used for extended periods of time.

Examples of products handled:

We handle—or are capable of handling—a large number of machinery and equipment. Some of the items we handle are listed below. Please enquire for further details.

- |   |  |
|---|--|
| • Machine tools                               | • Propeller and rudder attachment trolleys |
| • FCB welding equipment and welding materials | • Chamfering tools                         |
| • Heavy load transportation trolleys          | • Double hull welding gantries             |
| • Plasma cutters                              | • Blast machines                           |
| • Large-scale cranes                          | • Angle benders                            |



Propeller and Rudder fitting Equipment (Hyundai Hydraulic Co.,Ltd.)



Automatic Round Chamfering Machine (Hirata Corporation)

# Power & Nuclear Division

The Energy & Nuclear Power Division handles all types of transactions, including exports, imports, domestic and off-shore trading, and in addition to equipment, components, and fuels and transportation in the fields of power generation, substations, energy chemicals and nuclear power, the Division also supplies core substation equipment overseas and otherwise develops business affairs in alignment with customer needs.

## Total coordination of electrical power and energy projects

We are expanding our services domestically and throughout the world in alignment with the needs of a diverse range of customers in our role as a solution provider to electrical power projects involving power generation facilities and substation facilities, which are vital elements for supporting social lifestyles, covering all aspects from the EPC duties that coordinate entire facilities through to supplying individual equipment.

We also provide services for plant engineering companies and petrochemical manufacturers both in Japan and overseas in an intermediary capacity by supplying them with various types of equipment and materials, such as heat exchangers, pressure containers, and compressors, through importation, exportation, and offshore trading.

In the field of combustion equipment, we inherited thermal technologies from the former KUWABARA Corporation, and with the use of these technologies, we are involved in the design, manufacture, and provision of after-sales services for process burners in heating furnaces, reformer furnaces in oil refineries and petrochemical plants, and duct burners for the reheating of flue gas in gas turbine co-generation systems, and have delivered large quantities of equipment to customers in Japan and overseas.

We are also involved in the development of technologies based on hydrogen and ammonia combustion as part of our initiatives toward decarbonization.



KS Burner (artist's image)



400kV substation



## Equipment for nuclear power-related facilities

Our company is expanding the import and sale of the following equipment:

- Remote handling equipment (master/slave manipulators)
- Airtight and shielding equipment  
(containers for transporting radioactive substances, and shielding glass)

These technologies are used in environments with high levels of radioactivity, such as nuclear fuel reprocessing plants and nuclear power research facilities, etc.

We deliver and provide maintenance for the facilities used for washing the clothes of workers who work in radiation-controlled areas, and the facilities for measuring radioactivity in the waste vapor emitted from waste incineration and processing facilities in nuclear power plants.



Master slave manipulator



Remote transportation trolley

## Nuclear fuel and transportation

Involved in the procurement and transportation of fuel elements (nuclear fuel cartridges) required for operating nuclear reactors used for research purposes and owned by research institutes and universities in Japan. Fuel elements are manufactured by Framatome SAS of France and Novosibirsk Chemical Concentrates Plant PJSC (NCCP) of Russia, with whom we have exclusive agency rights. Since many of the fuel elements are custom-made, we also undertake studies with regard to fuel design and manufacturing feasibility based on special specifications.

In addition, we also procure research samples and radioisotopes, and if the required specifications are not listed in the catalog, we negotiate with overseas manufacturers and then sell custom-made products.

We are also involved in the import of enriched uranium, which is the raw fuel assembly material for nuclear power plants in Japan. Not only do we arrange for transportation from overseas nuclear fuel plants in Europe and the United States, etc., we also carry out and assist in obtaining the permits for the protection of nuclear material and security export control.

In addition, we are also engaged in the export of substances containing uranium that are in the possession of nuclear power operators in Japan to overseas factories for recycling purposes.



Nuclear fuel storage container

# Supply Chain Management Division

At the Supply Chain Management (SCM) Division, we offer globalized trading functions and integrated logistics services. We also help OEMs and parts/components suppliers to minimize risks by efficiently performing various tasks in global procurement; these include selecting optimal suppliers, conducting on-site audits, finalizing mass production specifications and providing other forms of development support, establishing manufacturing and quality control management systems, and setting up spare parts.

By providing value-added services such as simple assembly, product inspection, and quality control support, we facilitate the stable procurement and supply of mass-production parts required by the automobile and motorcycle industries; we also offer substitute delivery services as a Tier 1 supplier.

In the bearing industry, we have responded to various requests from our Japanese and overseas customers, and manufactured and sold bearings for many years in China, the world's largest market. We use our dealer network to supply bearings for a wide range of industrial applications for industrial machinery in particular.

## AUTRANS BUSINESS (Auto parts Transportation)

In our Autrans Business, as a Tier 1 supplier we provide Japanese and overseas Tier 1 manufacturers of motorcycles, passenger cars, and commercial vehicles with support for supply chain management, sourcing, development, and quality management operations to ensure the stable procurement and supply of parts for mass production.

In addition, utilizing networks we have cultivated through our parts supply chains, we offer a Total Plant Construction Service (TPCS) that provides our customers with support for expansion overseas.

In Thailand and Indonesia we operate directly managed bases that have been fitted with our own warehouses. As a Tier 1 supplier, we offer an integrated service that ranges from import, export, and proper inventory control to simplified assembly, quality control, financing, and just-in-time delivery; we also offer substitute delivery services.

## Smooth Start-up of New Production Outside Japan

Production outside Japan; it sound be not so special however it is still a big challenge.

Nobody escape a various kind of difficulties such as, different business culture, company registration, building plant, procuring manufacturing equipment, all kind of permissions about operation, law, tax, labor, environment, so and so.

Beside, it is the most important that how soon production is started smoothly and certainly.

And It is shortest way to success to have a necessary information in time and to utilize professional services in this important stages.

In Sojitz Machinery's Package Service named by "TPCS", or Total Plant Construction Service, we have undertaken more than 300 experience in the world. In each project, our skilled project managers were seconded and stationed at the job-site as Project Owner's Representative in association with the client's project team.

## BEARING BUSINESS

In the field of bearings, in addition to broadening and strengthening our supply chain, from the sale of processed parts through the sale of completed products, we are also involved in expanding into other markets from the China market, where we maintain a powerful presence, based on our market strategies. In addition, we are also strengthening the midstream field of products by expanding into components used in bearing-derivative automobiles that utilize bearing component technologies, and moving into the downstream field of sales by suggesting new business fields that promote dealer growth, through to sales and support in the field related to repairs and maintenance.



## 【Thailand】 Autrans (Thailand) Co., Ltd.

Established	1998
Capital	THB 40,000,000
Shareholder	Sojitz Group 100%
Location	Bangkok (HQ), Eastern Seaboard Industrial Estate, Samrong
Customers	Toyota, Honda, Isuzu, Nissan, Ford/Mazda, Aisin, etc.
Products	Car Antenna, Radar, Accelerator Pedal, EC Mirror, Engine components, Head Lamp, etc.



Autrans (Thailand) Co., Ltd.

## 【Indonesia】 PT. Autrans Asia Indonesia

Established	2014
Capital	IDR 45,658,470,000
Shareholder	Sojitz Group 100%
Location	Greenland International Industrial Center (HQ and Warehouse)
Customers	Mitsubishi Motors, Honda, Toyota, Daihatsu, Suzuki, etc.
Products	Seat components, Light, Antennas, Speedometers, etc.



PT. Autrans Asia Indonesia



# Mobility Division

At the Mobility Division, we provide, transport, and install various production facilities not only for internal combustion engine (ICE) vehicles, but also for batteries, e-Axles, battery cases, and other key electrified vehicle components, for automotive manufacturers around the world.

We contribute to decarbonization through the sale of equipment and materials used for lithium-ion, solid-state and other rechargeable batteries in electrified vehicles (EVs), for fuel cells, and through initiatives related to Gigacast lines, which reduce both the number and weight of components. We also provide a wide range of solutions that utilize leading-edge technologies, such as supplying and upgrading robot-based automated systems.

## Proposals for a wide variety of equipment from Japan and overseas

We offer equipment used in many different manufacturing processes involved in the production of automobiles, from the upstream to downstream processes. These processes range from casting, forging, machining, and stamping through to injection molding, painting, and inspections. Through this equipment, we propose optimal solutions to our customers.



Tandem press line  
(Photo: Provided by Hitachi Zosen  
Fukui Corporation)

High frequency induction furnace  
(Photo: Provided by Fuji Electric Co., Ltd.)



BEV platform  
Source: Blue Sky Technology Inc.



Injection machine  
(Photo: Provided by  
UBE MACHINERY CORPORATION, LTD.)

## Ultra-large aluminum parts — Megacast and Gigacast lines

We promote the use of Megacast and Gigacast integrated molding machines for ultra-large aluminum parts, which are gaining traction as next-generation technologies for automotive production. We have been active in the field of aluminum casting from the 1990s, since when we have built up an abundance of knowledge and established a track record of success.

Thanks to our partnerships with Japanese and overseas equipment manufacturers, we are also able to offer comprehensive solutions that incorporate not only Megacast and Gigacast machines but also large-scale molds and peripheral equipment, thereby meeting the needs of customers interested in integrated molding of body parts and other components.



## Engineers and technical supervisors on hand to undertake large-scale installation projects

Complete on-site safety management and process management are needed to complete work within the limited period for equipment installation. We have in-house technical supervisors that are able to handle large-scale installation projects. Our experienced staff members provide customers with wide range of operation support, from project-related documentation to process management and on-site management.

# Engineering, Equipment Procurement, contracting Overseas Installation Work for setting up overseas automobile factories, and providing Maintenance Service

## Overseas Automotive Plant Set-up Support:

For all overseas projects involving not only conventional ICE vehicles but also all environmentally friendly vehicles—such as BEVs, HVs, PHVs, and FCVs, we collaborate closely with Sojitz’s international offices to deliver comprehensive solutions that span production line engineering, procurement of manufacturing equipment, on-site installation, and production line commissioning support. Additionally, through optimal logistics arrangements and support for leveraging preferential tariffs under EPA/FTA and similar agreements, we achieve a reduction in overall project costs. Following line commissioning, we secure a robust, long-term production support framework for overseas automotive equipment by supplying spare parts, collaborating with local engineering firms on equipment maintenance, and executing equipment modifications aligned with new model introductions.



### Production of Key Components for EVs

#### Strengthening the Supply Chain

Sojitz Machinery plays a pivotal role in enhancing our customers’ competitiveness by providing production readiness support and supplying manufacturing equipment for powertrain components—such as eAxles—used in electric vehicles. In response to the rapidly growing demand for new key components like battery cases driven by electrification trends, we have forged strategic partnerships with both domestic and international suppliers to proactively establish localized production systems that comply with the legal and regulatory requirements of each region. Furthermore, through our close collaboration with our technical partner, Blue Sky Technology Inc. (BST), in which we hold a capital stake, we deliver cutting-edge electrification technologies and solutions to our customers. BST brings extensive experience and a proven track record in EVs key components, including rechargeable batteries and e-Axles. Leveraging its advanced expertise, BST robustly supports the implementation of optimized production lines and the evaluation of mass-production parts tailored to our customers’ needs. This strategic partnership enables us to provide robust technical support for our customers’ EVs production, bolstering their success in the market. Through these comprehensive initiatives, we help our customers build a global EVs production infrastructure and secure a competitive edge in the marketplace.

### Familiarity with and expertise in EV batteries

#### Rechargeable batteries

As society shifts from internal combustion engine vehicles to electrified vehicles, so the automotive battery market continues to grow. Sojitz Machinery provides Japanese and overseas customers with manufacturing equipment for rechargeable battery for use in HEVs, PHEVs, and BEVs, as well as manufacturing equipment for FCEVs. We took our first steps in the field of batteries in the beginning of the 1990s, since when we have established a rich track record of success. We currently supply mainly cell assembly process equipment to automobile and battery manufacturers. In addition to selling battery manufacturing equipment, we also assist with production preparations and offer line engineering proposals.



EV battery cell manufacturing equipment



Charge/discharge inspection equipment



duAro collaborative dual-arm SCARA robot      Industrial Robots  
(Photo: provided by Kawasaki Heavy Industries, Ltd.)

### Provision and upgrade of automated robot-based systems

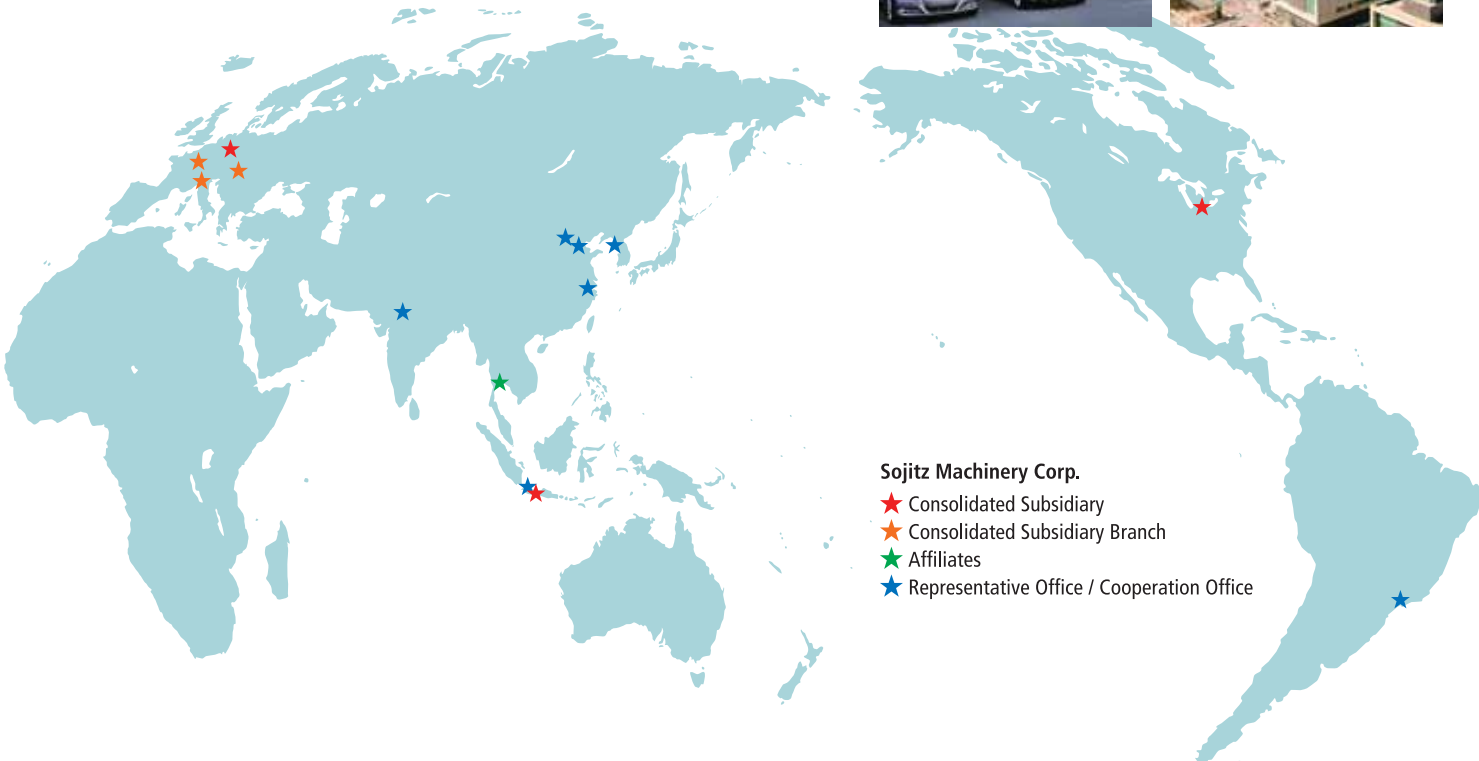
#### Robotics solution services

We provide automated production line solutions centered around automobile manufacturers, including painting, welding, and transport systems that have been upgraded with various types of robots for both new facilities and aging machines.



# The Sojitz Group's Global Network

With its global network covering the whole world, Sojitz Group is a general trading group with more than 400 companies based in and outside Japan to operate different businesses in around 50 countries in the world.



## Sojitz Corporation's bases

(As of March 31, 2025)

Number of Branches & Offices:	Domestic	5
	Overseas	84
Number of Subsidiaries & Affiliates:	Domestic	132
	Overseas	337

## Sojitz Machinery's overseas operation bases

- ★ Sojitz Machinery Corporation of America (U.S.A. / Detroit)
- ★ Sojitz Machinery Europe GmbH (Germany / Düsseldorf)
- ★ Sojitz Machinery Europe GmbH, Paris Branch (France / Paris)
- ★ Sojitz Machinery Europe GmbH, Milan Branch (Italy / Milan)
- ★ Sojitz Machinery Europe GmbH, Vienna Branch (Austria / Vienna)
- ★ PT. Autrans Asia Indonesia (Indonesia / West Java)
- ★ Autrans (Thailand) Co., Ltd. (Thailand / Bangkok)
- ★ Shanghai, New Delhi, Beijing, Tianjin, Dalian, Sao Paulo, Jakarta









Marunouchi 1-Chome, Chiyoda-ku, Tokyo 100-0005 Japan  
TEL: +81(3)6259-5600

