



**TOKYO SANGYO CO.,LTD.**  
<http://www.tscom.co.jp>

# **TOKYO SANGYO**

Corporate Profile

**Tokyo Sangyo Co., Ltd.**

For a better society  
For a better future



Materials and chemicals



General and heavy industrial machinery



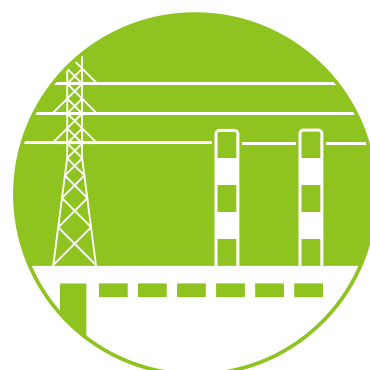
Casting, processing, forging,  
and assembly facilities



Construction and building facilities



Environmental facilities



Electric energy facilities



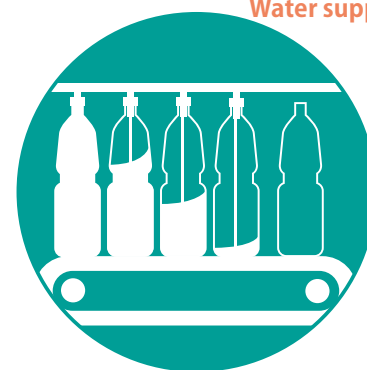
Water supply facilities



Lifeline facilities



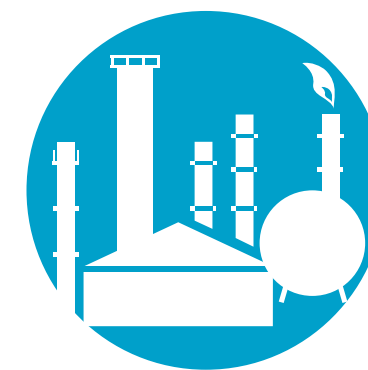
Vessel and marine equipment



Food processing machines



Business investment



Chemical, pharmaceutical and  
plant facilities

### As a trader of machinery in general

Tokyo Sangyo is committed to contribute to the development of society and improvement of the global environment through our operation to supply products and services while responding to the needs of our clients and building trust with them.

## Electric energy facilities

### 【 Power generation 】

- Boilers, turbines, and generators for thermal power generation
- Water turbines and generators for hydra power generation
- Boilers, turbines, and generators for industrial power generation
- Industrial wastes power generation system
- Self power generation systems (boilers, turbines, diesel and gas engines)
- Cogeneration systems
- Wind power generation systems
- Solar photovoltaic power generation systems
- Water turbines, generators, and peripheral facilities for hydropower generation
- Small-scale hydropower generation systems
- Geothermal power generation systems
- Binary power generation systems

### 【 Power receiving and transforming facilities 】

- In-line transformation facilities
- Power receiving and distribution facilities

### 【 Electricity systems 】

- Systems related to the liberalization of power supply (Packaged software for the electricity market)
- Smart grid
- New energy systems
- Information and communication systems
- Battery systems

### 【 Other power-related facilities 】

- Waste gas treatment system for power plants
- Heat exchangers  
Strainers, valves, oil recovery systems
- Additives for fuel facilities for power stations
- Peripheral equipment of nuclear power plants
- Equipment used in power generation plants
- Electric information and communication devices
- Coal conveyance systems
- Seafloor cables
- LNG acceptance devices
- Valves (safety valves)
- Electrostatic oil cleaner
- Low-temperature welding for casting
- Packaged containers
- Monitoring systems for turbidity and temperature in dams and lakes

## Environmental facilities

### 【 Waste treatment system 】

- Waste incinerators (for general and industrial waste)
- Crushing and sorting systems for industrial waste
- Solid fuel production systems (RPF, RDF)
- Recycling business for incineration ash, molten fly ash and waste plastic
- Demolition of incinerators with dioxin prevention features
- Shielding sheet, for final disposal sites

### 【 Biomass system 】

- Biomass boilers and power generation systems (CHP)
- Bio-gas facilities
- Composite and feedstuff production
- Biomass fuel storage and conveyance systems

### 【 Exhaust gas treatment 】

- Dust collector
- Exhaust gas treatment and peripheral equipment
- Toxic gas removers
- Solvent recovery systems
- Atmosphere and gas meters

### 【 Wastewater treatment system 】

- Industrial wastewater treatment facilities
- Sludge dehydration and drying furnaces
- Muddy water treatment systems

### 【 Other environmental facilities 】

- Noise prevention systems
- Boilers, turbines, and condensers
- Methane gas purification systems and hydrogen generators
- Oxygen and nitrogen generators
- Volume reduction system for high-concentration radioactive contaminants

## Chemical, pharmaceutical equipment and plants

### 【 Chemical, pharmaceutical, and plant system 】

- Chemical, pharmaceutical, plant engineering and construction
- Heat exchangers, towers, and tanks
- Crushers, screeners, and classifiers
- Mixers, kneaders and agitators
- Drum shakers
- Filters and centrifuge
- Drier, granulator, furnace
- Rotary kiln
- Distillation and extraction systems
- Glass lining equipment (Reactor, heat exchangers, etc.)
- Powder and liquid transport systems
- Filling and packaging systems
- Pharmaceutical machinery
- Use-point heat exchangers for EFi
- Sterilization cleaning systems
- Sterilizing, cleaning, and drying system for rubber plugs
- Teflon-lined vacuum pumps

### 【 Highly-functional film manufacturing system 】

- Highly-functional film plant and construction
- Film manufacturing system
- Slitters and cutters
- Defect and contamination detectors for film
- Coaters and dryers
- Ultrasonic washing systems for gravure roll
- Ultrasonic washing systems with tanks
- Ink jet-related products

### 【 Utilities 】

- Power systems (self power generators, boilers, chillers, compressors, blowers, pumps, etc.)
- Firefighting equipment
- Flare stacks and low NOx burners

### 【 Measurements and inspections equipment 】

- Colorimeters

### 【 Other 】

- Sodium bicarbonate blast cleaning systems

## Food processing equipment

### 【 Food plant and related equipment 】

- Food plant engineering
- Refurbishment and renewal of food processing factory
- Sanitary pipes and valves

### 【 Freezing and refrigeration facilities and equipment 】

- Freezers and refrigerators
- Freshness preservation systems
- Ethylene inhibitors
- Refrigeration, cooling system and special freezer
- Cascade freezing units

### 【 Food manufacturing facilities 】

- Heat cooking systems
- Heat sterilization systems
- Mixers and agitators
- Juice extraction and preservation systems
- Fermentation and bio-systems
- Extraction and separation systems

### 【 Automated machines 】

- Fillers
- Wrapping and packing systems
- Conveyors and transportation systems
- Automatic bottle cap supply systems
- Food tank and piping line cleaning systems
- Material handling systems

### 【 Aquaculture technology 】

- Polyethylene cages for aquaculture, feeding systems, barges, net washing machines, on-land cultivation facilities

### 【 Other 】

- Food residue dryers

## Vessels and marine equipment

### 【 Vessels 】

- Various type of vessel

### 【 Shipboard machines 】

- Boilers and turbines
- Exhaust gas economizers
- Propellers
- Steering gears
- Mooring winches, windlasses
- Water jets systems
- Fin stabilizers
- Ride control systems
- Oil cleaners
- Water supply pumps for boilers and other pumps
- Temperature regulating valves
- FRP hinge doors for vessels
- Watertight sliding doors for vessels
- Windows for oceanic structures
- Composite hoses for transporting LNG
- ERC couplings for LNG
- Chairs for pilothouses
- Various parts

### 【 Shipboard materials 】

- Doors for vessels
- Window shades for pilothouses

## General and industrial heavy machines

### 【 General industrial machinery 】

- Wrapping and packaging machines
- Printing machines
- Automated warehouse systems
- Factory automation systems
- Industrial robots
- Automated facilities
- Window cleaning robots

### 【 Facilities related to papermaking, cement, iron works and mining 】

- Paper-making machines
- Cement production systems
- Lime calcining system
- Ironmaking machines
- Metal rolling machines
- Pressing machines
- Rear-face facilities
- Front processing facilities
- Loading machines

### 【 Other industrial machines 】

- Painting plants
- Metal melting and retaining furnaces
- Ion nitration systems
- Vacuum deposition systems
- Thermal treatment systems
- Cleansing systems
- Window cleaning systems
- Energy conservation devices
- Railroad signals

### 【 Heavy machines 】

- Cranes and transportation machines
- Hydraulic equipment

### 【 Measurement-related facilities 】

- Flow meters
- Large X-ray and ultrasonic inspection devices for nondestructive inspections
- Precision measurement systems

**Lifeline facilities**

**【 High-density polyethylene pipes and joints 】**

- High-density polyethylene pipes
- High-density polyethylene joints
- Pat fusion machines
- Subterra construction methods

**【 PP, PVDF, ECTEF pipes and joints 】**

- PP pipes and joint materials
- ECTEF pipes and joint materials

**【 Method to install ducts without digging 】**

- Pipe splitter method
- Flex drilling method
- PD jacking method
- Turbo air blowers for lining methods
- KP molding method

**【 Other pipe-related devices 】**

- Volumair blowers
- Internal and external bead cutters
- Back reamers
- Towing head
- Eco-ball
- Pipe roller

**【 Temporary laying materials for construction 】**

- Road plate-type laying materials for shafts
- Trench cover-type laying materials for side walks
- Low Pro-type laying materials for side walks

**【 Underground pipes and cables inspection technologies 】**

- RD8000/7000 type pipe locators
- Pipe locators for HDD no-open-cut drilling
- Products made by RD such as in-pipe cameras

**Construction and building facilities**

**【 Building and ancillary facilities 】**

- Factory construction
- Improvements to roofs and external walls
- Rooftop vegetation
- Elevators and escalators
- Gondola systems
- Parking structures
- Earthquake resistant and seismic base isolation systems
- Electric facilities
- Sanitation systems for water supply and wastewater
- High efficiency reflectors for light fixtures (energy saving devices)

**【 Air conditioning facilities 】**

- Air conditioning facilities
- Refrigerators
- Cooling towers
- Room air conditioners
- Humidifiers
- Dehumidifiers
- TP temperature control valves
- Air filters and filter cleaning works

**【 Facilities 】**

- Clean rooms
- Culture, amusement, and sport facilities (Olympic facilities)
- Anechoic chamber

**【 Construction equipment 】**

- Various construction equipment
- Shield machines
- Bridge supports

**【 Air purification facilities 】**

- Waste gas cleaning systems
- Localized exhaust systems

**Casting, processing, forging, and assembly facilities**

**【 Casting 】**

- Die-cast machines and ancillary equipment
- Impregnation systems
- Aluminum melting furnaces and repair work

**【 Processing 】**

- NC latches
- NC drilling machines
- Horizontal boring machines
- NC milling cutters
- Grinding machines
- Gear-cutting machines, gear finishing machines
- Specialized machines and units
- Machining centers
- Electric discharge and electrolytic machining devices
- Ultra-fine desktop electric discharge processing machines
- Pinhole electric discharge processing machines
- Laser processors
- Hydraulic and mechanical press machines
- Shearing-machines
- Plastic extruders and injection molding machines

**【 Forging 】**

- Forging machines, barrel machines
- Bending machines
- Wire forming machines
- HIP and CIP facilities
- Powder molding press

**【 Assembly 】**

- Retrofitting and overhaul
- Diamond bite polishers
- Ultra high-precision processing machines (back lights aspheric prism sheets, and other optical lenses)
- NC rotary table
- Special tools for processing and assembly

**【 Others 】**

- Die mold (press, die-cast)
- Cutting tools, and tooling
- Cutters for precision processing of hard disks and other components, bite design and production
- Welding facilities
- Washing facilities
- Automatic assembly and conveyance systems and painting plants
- Sealing coating applicators (SCA)
- Lithium ion battery production facilities (processing and assembly)
- Solar photovoltaic power generation system production facilities (processing and assembly)
- Precision measuring instruments (surface roughness, roundness, gears, three-dimensional, etc.) and image processing facilities
- Gear measuring instruments
- Contamination measurement devices
- Balancers

**Materials and chemicals**

**【 Materials 】**

- Polyethylene packaging materials (plastic shopping bags, garbage bags, flat bags, etc.)
- Polyethylene packaging films (stretch films, films for wrapping newspapers, films for cleaning, etc.)
- Environmentally friendly packaging materials
- Resin mold products
- Resin pallets
- Flexible containers

**【 Fuels 】**

- Wooden fuels, PKS, heavy oil, light oil

**【 Chemicals 】**

- Slaked lime, unslaked lime, chelate, activated carbon, caustic soda, sodium hypochlorite, polymer coagulant, hydrochloric acid, sulfuric acid, deoxidizer, boiler cleaning solution, cement, etc.
- Silver nitrate
- Industrial chemicals

**Water supply facilities**

**【 Facilities related to water supply 】**

- Well water filtration systems
- Water purifier system
- Water supply purification devices
- Water softeners
- Ion exchanging resin
- On-site water supply services using grand and industrial water
- Tanks and pipe installation works

**【 Measuring instruments 】**

- In-line turbidity meters, and color meters

**Business Investments**

**【 Activities related to business investment 】**

- On-site water projects (groundwater and industrial water utilization system)
- Rental business (automatic toilet flushers) (energy conservation products)
- Renewable energy businesses
- On-site ice production and sales business

**Main overseas manufacturing companies**

- U.S.A. Coffin Turbo Pump, Inc. Boiler Feed Water Pumps Jerguson Gage & Valve Co. Water Level Gages McElroy Mfg., Inc. Finning Machine for Heat Exchangers Fusion Machine for PE Pipe Pipe Splitting Tool Power Mole Sales & Service Power Pac & Pusher for PE Pipe Maritime Dynamics, Inc. Marine Ride Control System Melfred Borzall Inc. Boring Machines Marietta Nondestructive Testing, LLC Inspection System
- UK Solar Solve Marine Anti Glare Roller Blind Vapac Humidity Control Ltd. Electrode Steam Humidifiers Pipe Equipment Specialists Ltd. Pipe equipment, accessories, tools Radiodetection Ltd. Pipe cable locator, Inspection equipment for pipe line SPP Pumps Limited Fire Water Pump Fusion Provida Tooling Product for PE Pipe Butt Fusing & EF Fusing K LAW LNG Emergency Release Coupling for STS
- France Environnement S.A Emission Monitoring System Euromair (Volumair) Painting machine, compressor Vernet S.A. Thermostats AMECO SA Reclaimers, Stackers, Shiploaders

- Switzerland Sigrist Photometer Ltd., Ennetburger Photometer Sigrist-Photometer AG Process-Photometer
- Netherlands Het Anker Ships window and Side scuttles Gutteling BV Composite Hose for LNG STS
- Denmark e-vejvad hansen Skipper Chair
- Germany GROSS Grinding, shredder, briquetting FRIATEC AG Tooling Product for PE Pipe Butt Fusing & EF Fusing THALETEC GmbH Glass Lined Equipment ROMAN SELIGER GmbH Couplings PLINKE GmbH Acid recovery, concentration engineering
- Austria AGRU Kunststofftechnik GmbH HDPE pipe, PP pipe, PVDF pipe, PE sheet
- Thailand Guardfire Ltd. Fire Protection System
- New Zealand EASY DRILL Limited Directional Drills as attachments For excavators and backhoes
- Norway Libra-Plast AS GRP, Aluminium, Steel doors IMS group AS Watertight Sliding Door, Window NORAC AS Fire Resist Sliding Door AKVA Group Aquaculture Products (Cage Farming & Land base)
- Belgium BEP Europe NV Testing Equipment for Automobile, Binary Generator



# Corporate profile

Company overview, history, and organization



TOKYO SANGYO is a general trading company which predominantly deals in various types of machines and technologies used in the industrial market. With our strong business records and experience, we are constantly looking to supply advanced technologies which ensure our clients retain their competitive position.



## Company overview

Name of the company/ Tokyo Sangyo Co., Ltd.  
 Address/ Shin-Otemachi Building, 2-1 Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004, Japan  
 Date of establishment/ October 20, 1947  
 Capital fund/ 3,443 million Japanese yen (the stock is listed on Tokyo Stock Exchange First Section)  
 Number of employees: 258 \*as of March 31, 2016



## Banks

The Bank of Tokyo-Mitsubishi UFJ



## Business operations

Domestic and international sales of machinery, plant, materials, tools, chemicals and real estate renting operations



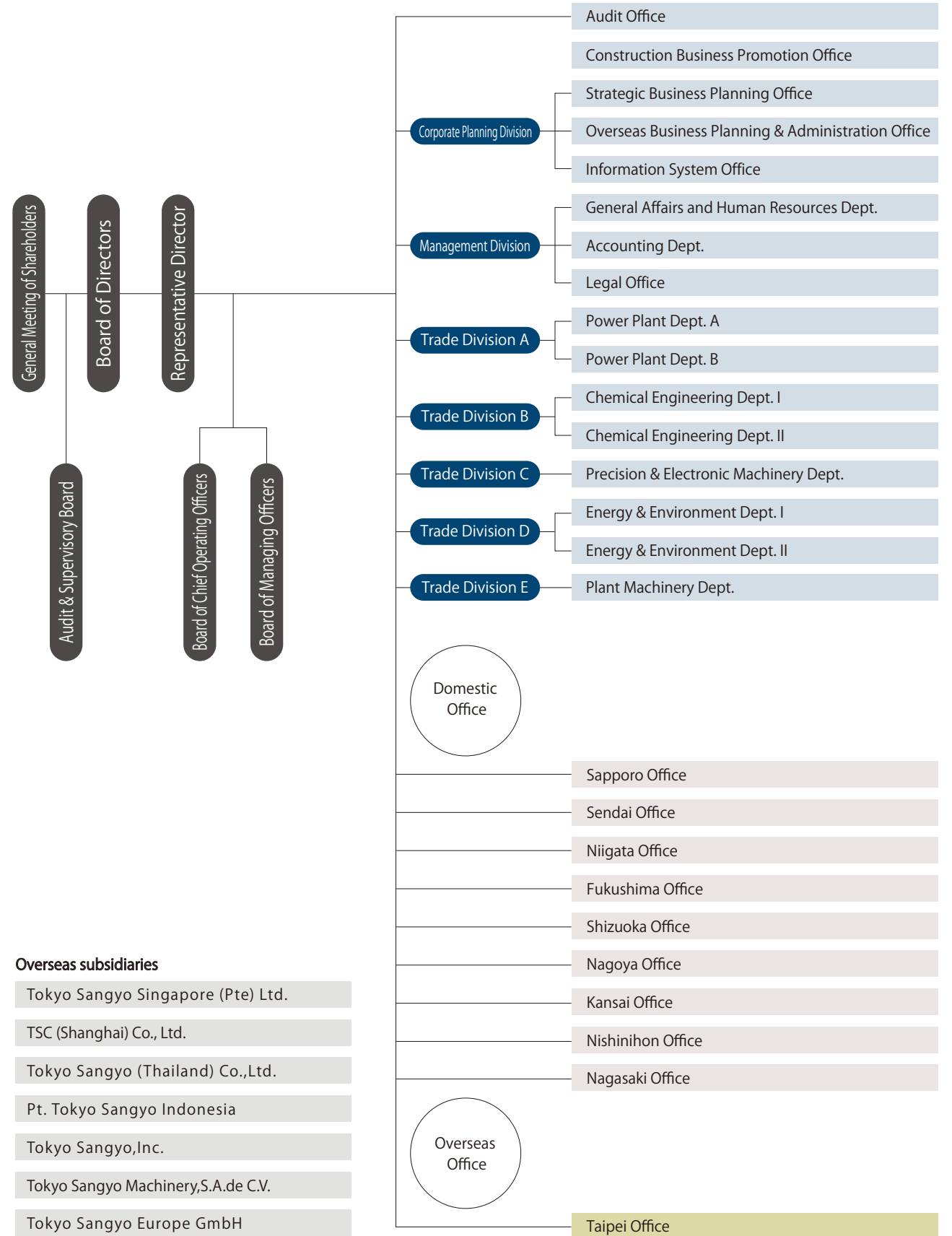
## History

- |               |   |                 |  |
|---------------|---|-----------------|--|
| April 1942:   | Establishment of Yamato Kikai Co., Ltd., the former name of this company, to produce and sell machinery and tools   | February 1987:  | Establishment of Tokyo Sangyo Fudosan Co., Ltd.  |
| July 1947:    | Upon the dissolution of the former Mitsubishi Corporation, volunteers of Machinery Department succeeded its business operation and renamed it to Tokyo Sangyo K.K.  | September 1994: | Capital increase of 2.40 million shares through public offering                        |
| October 1947: | With the support of companies of the Mitsubishi group, Tokyo Sangyo was launched as a machinery trading firm that imports, exports, and domestically sells industrial machinery and devices.                                  | September 1996: | Designated as a brand to be listed in the first section market of Tokyo Stock Exchange |
| August 1959:  | The stock was sold to the public as the over-the-counter stock on the Tokyo Stock Exchange.   | August 2006:    | Relocation of the head office to 2-2-1 Otemachi, Chiyoda-ku, Tokyo                     |
| March 1960:   | Merger on an equal footing with Nikkyou Sangyo specializing in the import and export of vessels and related machinery to diversify the lineup of products; relocation of the head office to 2-6 Marunouchi, Chiyoda-ku, Tokyo | October 2006:   | Establishment of TSC (Shanghai) Co., Ltd.  |
| October 1961: | The stock was listed on the second section market of Tokyo Stock Exchange.  | November 2011:  | Establishment of Tokyo Sangyo (Thailand) Co., Ltd.                                     |
| July 1963:    | Relocation of the head office to 3-2 Marunouchi, Chiyoda-ku, Tokyo  | December 2012:  | Establishment of Pt. Tokyo Sangyo Indonesia  |
| April 1977:   | Establishment of Tokyo Sangyo Singapore (Pte) Ltd.  | April 2013:     | Establishment of Tokyo Sangyo, Inc.  |
|               |   | October 2013:   | The share unit was changed to 100 shares.  |
|               |   | May 2014:       | Establishment of Tokyo Sangyo Machinery S.A.de C.V.                                    |
|               |   | July 2014:      | Establishment of Tokyo Sangyo Europe GmbH  |
|               |   | April 2016:     | Establishment of Innovation of Social Environment Co., Ltd.                            |



# Organization chart

Organization chart



### Overseas subsidiaries

- Tokyo Sangyo Singapore (Pte) Ltd.
- TSC (Shanghai) Co., Ltd.
- Tokyo Sangyo (Thailand) Co., Ltd.
- Pt. Tokyo Sangyo Indonesia
- Tokyo Sangyo, Inc.
- Tokyo Sangyo Machinery, S.A.de C.V.
- Tokyo Sangyo Europe GmbH



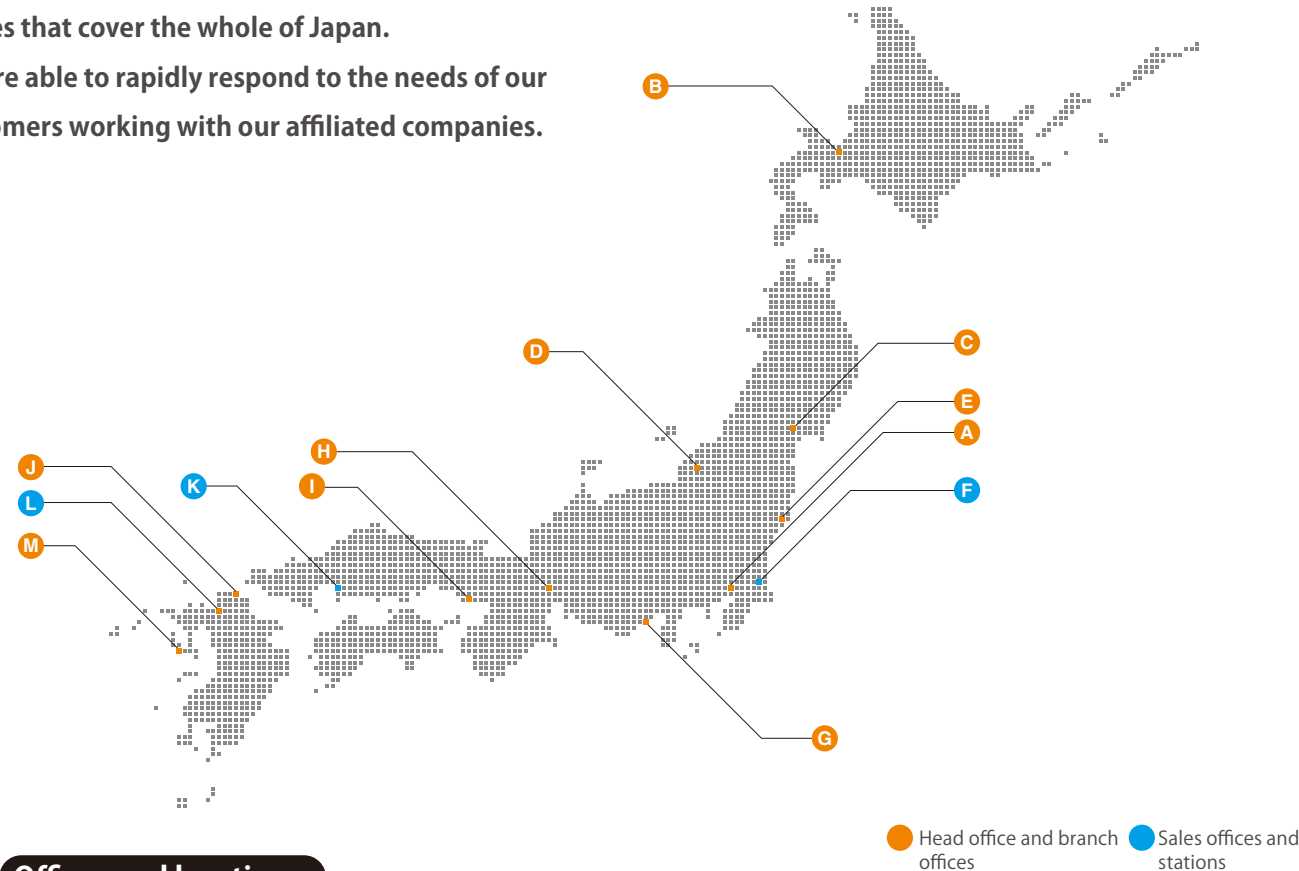
# Domestic network

Domestic office and affiliated company



TOKYO SANGYO has an extensive network of regional offices that cover the whole of Japan.

We are able to rapidly respond to the needs of our customers working with our affiliated companies.



## Offices and locations

- A** Head Office  
Shin Otemachi Building, 2-1 Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004  
Tel: 81-3 (5203) 7690 Fax: 81-3 (5203) 0640  
<http://www.tscom.co.jp>
- B** Sapporo office  
Hokkaido Building, 1 Kita 2 Jo Nishi 4-chome, Chuo-ku, Sapporo, Hokkaido 060-0002  
Tel: 81-11 (221) 7146 Fax: 81-11 (221) 7149
- C** Sendai office  
Toryo Building, 8-1, Ichibancho 1-chome, Aoba-ku, Sendai, Miyagi 980-0811  
Tel: 81-22 (266) 4111 Fax: 81-22 (227) 6693
- D** Niigata office  
Hokuriku Building, 2-23, Higashi Odori 1-chome, Chuo-ku, Niigata 950-0087  
Tel: 81-25 (243) 0011 Fax: 81-25 (243) 0014
- E** Fukushima office  
Sanen Building, 1-7, Taira Tamachi, Iwaki, Fukushima 970-8026  
Tel: 81-246 (35) 5015 Fax: 81-246 (24) 0025
- F** Kashima Branch  
Otaka Building, 64-181 Hiraizumi Higashi, 1-chome, Kamisu, Ibaraki 314-0145  
Tel: 81-299 (93) 5131~2 Fax: 81-299 (93) 5137
- G** Shizuoka office  
South Spot Shizuoka Building, 18-1 Minamicho, Suruga-ku, Shizuoka 422-8067  
Tel: 81-54 (280) 0551 Fax: 81-54 (281) 5041

- H** Nagoya office  
Dai Nagoya Building, 28-12 Meieki 3-chome, Nakamura-ku, Nagoya, Aichi 450-6421  
Tel: 81-52 (589) 1770 Fax: 81-52 (583) 5570
- I** Kansai office  
Ship Kobe Kaigan Building, 3 Kaigan Street, Chuo-ku, Kobe, Hyogo 650-0024  
Tel: 81-78 (321) 2461 Fax: 81-78 (321) 2463
- J** West Japan office  
KMM Building, 14-1 Asano 2, Kokurakita-ku, Kitakyushu, Fukuoka 802-0001  
Tel: 81-93 (512) 5361 Fax: 81-93 (512) 5363
- K** West Japan Hiroshima Branch  
Hiroshima Inarimachi Daiichi Seimei Building, 2-16 Inarimachi, Minami-ku, Hiroshima 732-0827  
Tel: 81-82 (261) 0870 Fax: 81-82 (261) 0909
- L** West Japan Fukuoka Branch  
Asahiseimei Hakataekimae Building, 22-8 Hakataekimae, 3-chome, Hakata-ku, Fukuoka 812-0011  
Tel: 81-92 (432) 3811 Fax: 81-92 (483) 0677
- M** Nagasaki  
Nagasaki Daiichi Seimei Building, 2-24 Kouzen-machi, Nagasaki 850-0032  
Tel: 81-95 (826) 4266 (Representative) Fax: 81-95 (826) 4268

## Affiliated company

- Tokyo Sangyo Fudosan Co., Ltd. (real estate management, brokerage, and insurance business)  
Shin Otemachi Building, 2-1 Otemachi 2-chome, Chiyoda-ku, Tokyo 100-004  
Tel: 81-3 (5203) 7868, Fax: 81-3 (5203) 7632
- Innovation of Social Environment Co., Ltd.  
(transportation of trucks in general, handling of cargo transportation, and relevant consultation business)  
Wakuya Building 10-14 Nakamachi, Koriyama city, Fukushima 963-8004  
Tel: 81-24 (983) 1118, Fax: 81-24 (983) 1107

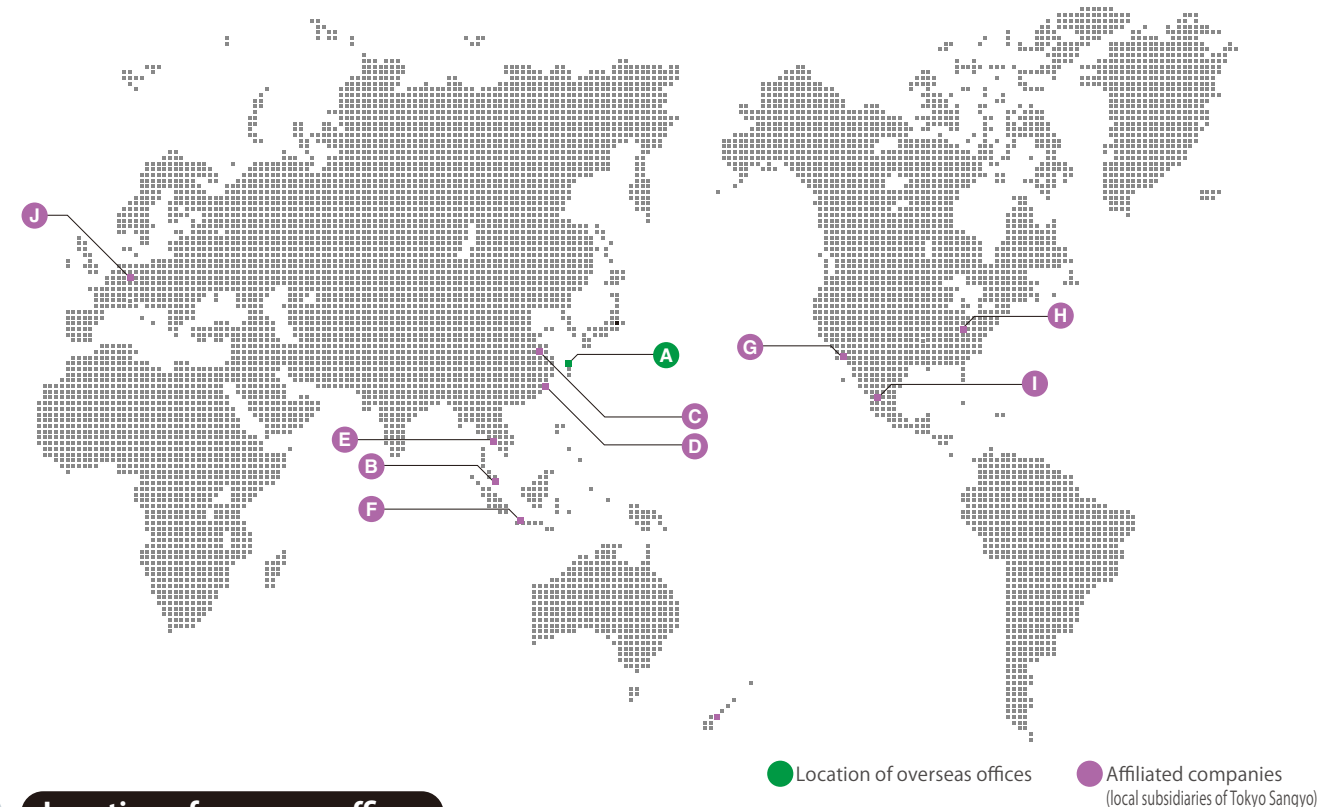


# Overseas network

Overseas network



We engage in global businesses with our overseas office and local subsidiaries located around the world



## Location of overseas offices

- A** Taipei Office  
Tokyo Sangyo Japan Co., Ltd.  
14F-5 No. 85, Sec. 1, Zhongxiao E. Rd., Taipei  
Tel: 886-2-2396-6131, 886-2-2396-6151, Fax: 886-2-2396-6171

## Affiliated companies (local subsidiaries of Tokyo Sangyo)

- B** Tokyo Sangyo Singapore (Pte) Ltd.  
80 Raffles Place UOB Plaza 1 #36-12 048624, Singapore  
TEL.65-6248-4637 FAX.65-6248-4531
- C** TSC (Shanghai) Co., Ltd.  
Room D-405A, Oriental International Plaza, 85 Loushanguan Road, Changning, Shanghai, 200336, China  
Tel: 86-21-6235-1333, Fax: 86-21-6235-1821
- D** TSC (Shanghai) Co., Ltd. Guangzhou Branch  
Room D13, 16th Floor, VILLI International Building, No. 167, Lin He Xi Rd, Tianhe, Guangzhou, 510000, China  
Tel: 86-20-3867-7307, Fax: 86-20-3867-7910
- E** Tokyo Sangyo (Thailand)Co.,Ltd.  
323, United Center Building,Unit 2901,29 Floor  
Silom Road,Bangrak,Bangkok 10500,Thailand  
TEL.66-2-631-1981 FAX.66-2-631-1983
- F** Pt. Tokyo Sangyo Indonesia  
Indonesia Stock Exchange Tower 1Lt.17 Suite 1707A,  
JI.Sudirman Kav.52-53,Jakarta Selatan 12190,Indonesia  
TEL.62-21-515-1267 FAX.62-21-515-1268
- G** Tokyo Sangyo,Inc.  
1510W 135th St. Gardena,CA 90249,U.S.A
- H** Tokyo Sangyo,Inc. Ohio Office  
7577 Central Parke Blvd.Suite 213 Mason,OH45040,U.S.A.  
TEL.1-513-204-1679 FAX.1-513-204-1610
- I** Tokyo Sangyo Machinery, S.A. de C.V.  
Edificio Montecarlo Av.Las Americas #608-203 Fracc.  
La Fuente C.P.20239 Aguascalientes,Ags.Mexico  
TEL.52-449-915-5091 FAX.52-449-915-5315
- J** Tokyo Sangyo Europe GmbH  
An der Welle,4 60322 Frankfurt/Main Germany  
TEL.49-69-7593-8556 FAX.49-69-7593-8200