

S U N C A L L
C O R P O R A T E
P R O F I L E



FOR THE WORLD WITH OUR INNOVATION

Suncall was founded in Arashiyama, Kyoto, a city of tradition and industrial advancement.
Flexible yet tough, traditional yet novel.
The cultural uniqueness of Kyoto echoes through our corporate environment.
Suncall has followed a globally exceptional business model as “an integrated manufacturer,
from raw materials to precisely processed products.” Every process is infused with our technologies.
With core precision plastic forming technology serving as the axis of our business, we have steadily expanded
our scope from automotive parts, printers, and communications components.
Suncall constantly explores new and undiscovered areas with original technologies.
By combining the technologies we have built up, we will continue to create products never seen before,
proudly offering unparalleled Suncall quality for a better world.

C O N T E N T S

01 Introduction	17 Communications-related Products
03 Our Business	18 Measuring instrument-related and Other Products
05 Materials-related Products	19 Research and Development
09 Automotive-related Products	21 CSR Activities
13 EV-related Products	23 Offices in Japan and Abroad
15 Printer-related Products	25 Company Profile and History

Suncall is all about continuous evolution.

Precision plastic processing technology, which is one of our core technologies, has been the foundation on which we have established different businesses, which organically merge to develop into new areas.

Precision assembly technology

Connecting the lifelines we call “networks”

Communications-related Business

Manufacturing of information infrastructure-related products relies on our precision processing technologies that do not tolerate even the slightest deviations at the micrometer level. In the seemingly endless pursuit for higher speed broadband, Suncall contributes to the development, manufacture, and supply of products that cater to new requirements as part of our market vitalization efforts.



Coating technology & Testing technology

A revolution in inkjet printers

Printer-related Products Business

Suncall's ceramic-coated rollers for inkjet printers have earned us a dominant position in the global market for this product. Our technologies, which have driven the evolution of inkjet printers ever since their introduction, continue to expand the horizon of the development of next-generation rollers to support new applications.



Precision processing technology & Design/Testing technology

No compromise - Creating products for the vehicles to which we entrust our lives

Automotive-related Business

This is a business in which particularly special attention to safety is necessary. Parts that make up the main components of automobiles, including engines, transmissions, and safety equipment are manufactured using our company's comprehensive production methods, which span from functional materials to machining. Under our strict quality assurance system, we take on the challenge of delivering products with ever higher precision and quality.



Precision plastic processing technology

High-quality products are made from high-precision materials.

Materials-related Business

Our materials-related business is the main strength of Suncall's business. This core segment handles the material production side of our comprehensive production process, starting from raw materials and extending through to finished products. Centered around “elongation” and “bending,” wiredrawing die development, rolling and heat-treatment technologies are applied to produce wire materials used in the manufacture of high precision springs mainly utilized in automotive parts.



Providing reliable quality using highly precise technology and know-how

Suncall procures best materials with inclusions controlled and produces high-performance wires used to make springs by using a lead-free, fluidized bed type heat treatment line and automatic washing equipment. Additionally, in order to ensure total quality, nondestructive testing is performed using an inline eddy current tester.



This steel wire in particular is one of Suncall's cores.

Steel wire for valve springs

The highest level of quality is demanded of steel wire for valve springs. We use only the best elements in order to obtain this material, developing the elements in cooperation with steel manufacturers to achieve excellent fatigue strength. Also, special care is taken to the small scratches during material processing which have an impact on valve spring quality, while shaving and flaw detection are utilized to ensure material quality. Steel wire that passes these processes is then used as steel wire for valve springs. Both shaped cross-section materials and high-tension strength steels are available, with efforts being made to develop even higher strength new materials.



Our advanced functional material responsible for numerous production innovations.

Precision shaped wire

This functional material is manufactured using our company's core technologies - die design and shaped wire drawing/rolling methods. Burrs are not generated during this method, which enables wire drawing and rolling without manufacturing losses. Also, by combining our in-house designed dies and grooved rolls with processing technology, it is possible to obtain an item with a shape and corner extremely close to that of the final product. By cutting the shaped cross-section material, it is possible to mass-produce products of the exactly same shape. Materials with such high levels of precision can be used for rings, press formed parts, and materials for spiral springs, etc., regardless of whether they are produced in-house or externally.

A ceaseless challenge to develop better products

Drawing on the strengths of our company’s functional materials to machining, we undertake achieve improvements in environmental comprehensive production methods, which span from materials and product development to friendliness, fuel consumption and, of course, safety.



Investing everything to reach the height of spring making.

Valve springs

Suncall produces high-strength springs used for engine intake and exhaust valves. No fatigue failure should occur over 100 million cycles - that is the absolute requirement for valve springs, which makes them top-grade springs. In order to maintain this quality, Suncall invested original techniques and know-how into every process throughout its extraordinary system that produces valve springs from raw materials with a single production line. Our dedication to quality materials and machining has enabled us to accommodate the rigorous demands of engines, which increasingly require better output and fuel efficiency.



Fewer processes and higher quality through precision shaped materials.

Valve cotters

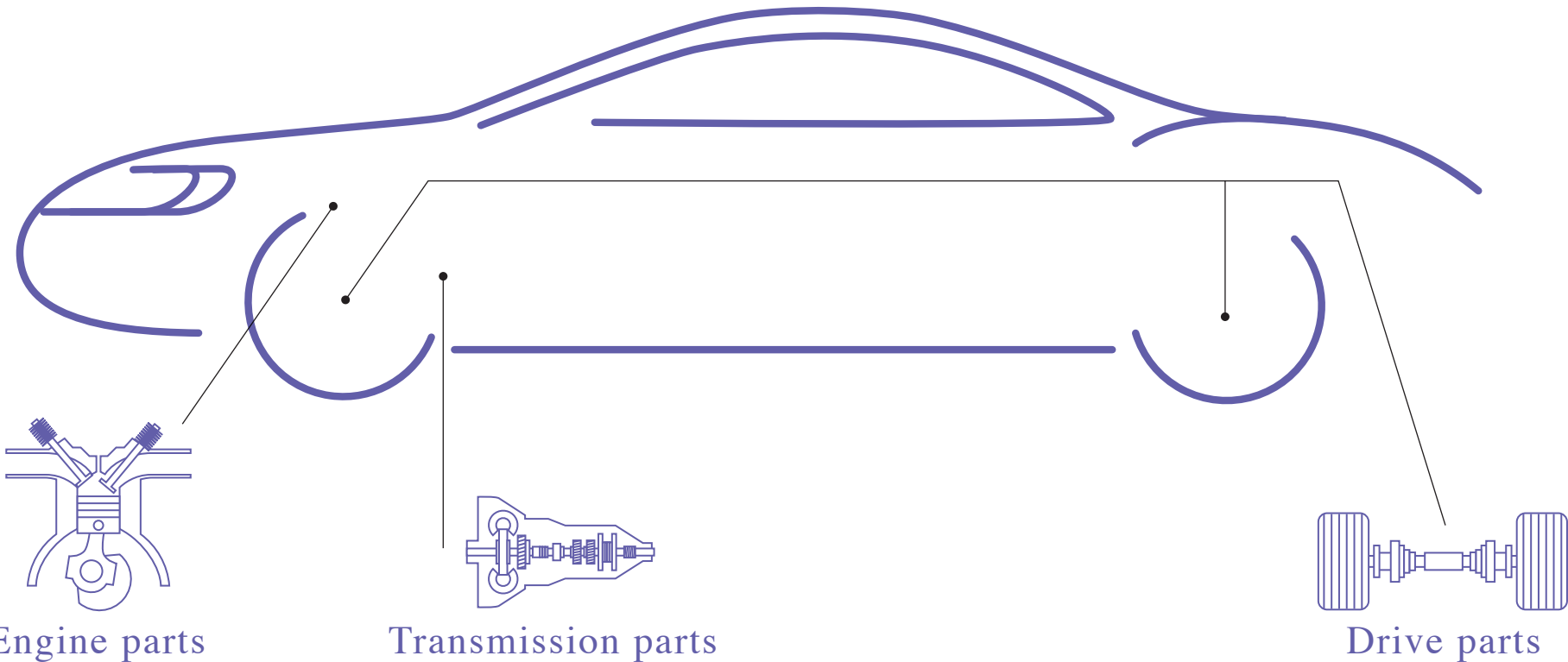
This product is used to secure engine intake-exhaust valves and spring bearings in severe operating environments. Two valve cotters are mounted to each valve and are used in various types of engines, such as those for automobiles, motorcycles and boats, in which precision and strength are required to ensure that the engines themselves conform to respective regulations. We cut precision shaped materials into approximate shapes using a press, and because machining is made unnecessary, are able to realize improved quality, stability and high levels of productivity.



Our company’s unique patented manufacturing method that meets the needs of our generation.

Spiral springs for variable valve timing system

These are used for the intake-exhaust variable valve timing mechanisms of 4-cycle reciprocating engines. Although helical torsion springs have been used conventionally, with the need to create more compact engines, these have been switched to space-saving spiral springs which are able to provide high levels of torque. In order to achieve the functionality required of these springs, production is performed using our unique patented manufacturing process.



Increased safety and comfort using technology cultivated for valve springs.

Transmission springs

Our company produces various high strength springs for use in automatic transmissions, such as damper springs, return springs, and accumulator springs. Here, we have applied our company’s technology cultivated through our development of valve springs to provide drivers with enhanced safety and comfortability. We have also succeeded in making spring heights more compact through precision shaped material processing of both solid copper wire and oval-shaped cross-sections, which in turn contribute to making transmissions more compact.



Material loss is prevented and processes are reduced by utilizing our core technologies.

Shaped rings (snap rings)

Our shaped materials for bending processes feature our unique coiling technology which can be used for processing ring shapes with extremely high levels of circularity. Thanks to this, the production of rings is possible in which material loss levels are much lower than that of when press-punch processing for sheet materials is used. Both ends of the ring can be simultaneously shaped as desired and, since burr removal is not required, processes can be reduced. Shaped rings produced in this manner can be used as snap rings or spacers for spring retention in transmissions or bearings.



Featuring small gaps and large power.

Wave rings/wave springs

These feature the stress of a large spring in only a small space. By switching out disc springs for wave springs, a higher load can be achieved, yet with the same height. And, by switching out multi-row springs for wave springs, a load equal to or higher than that of multi-row springs can be achieved. Furthermore, because coiling is performed using shaped materials, material losses can be drastically reduced.



Difficult-to-manufacture thin plates made to specification.

Accordion springs

These bellows-shaped springs are used in various types of automobiles as parts for automatic transmissions. Highly elastic thin plates formed from difficult-to-machine 0.05 mm plates can be manufactured with stability into complex shapes using our company’s unique forming die layouts. While manufacturing according to the exact designs of customers is possible, we can also provide original designs that take stress mitigating treatments into consideration to match specifications.



Superior drive plates from superior drive ring gears.

Drive plates

These products use advanced welding technology to integrate our company’s ring gears with plates. They operate to transmit torque from the engine to the transmission. The drive plates rotate as long as the engine is running, for which high durability and highly precise weight balance are required. In order for this, quality assurance is ensured (such as for balance) by way of total inspections performed using our company’s uniquely developed inspection devices. Superior functionality is achieved even for durability evaluations.



Integrated with Suncall’s core technologies.

Ring gears

Rings with extremely circular shapes processed with precision shaped materials using our unique technology are processed into gears. These are important parts which are used for engine starter gears. Various types of gear cutting to suit customer applications and needs are available, including helical machining for smooth and quiet engine starts, as well as chamfering for smooth gear meshing. Our company maintains a supply and backup network of production bases around the globe.

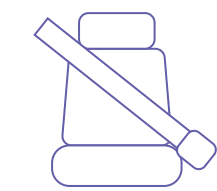


Providing the superior levels of work efficiency and sealing required for automobiles.

Boot clamps

These are used in automobile constant velocity joints. Special tools are not required for installation. Fastening with high levels of sealing can be performed just by pulling with a simple jig, enabling work times to be significantly shortened. Sizes can be easily adjusted during manufacturing.

Safety parts



Technology that makes seatbelts more comfortable.

Spiral springs for seatbelts

Although seatbelts are a necessary item for automobiles, we want to eliminate any discomfort that comes with wearing them. In order to achieve this, it is necessary for load to be distributed evenly along the entire length of the seatbelt. Manufacturing of our company's spiral springs for seatbelt retractors starts with materials. Because of this, precise torque adjustments are performed starting with materials to enable enhanced comfort when seatbelts are worn.



Excellent torque adjustment for more comfortable seatbelts.

Tension reducers

It features a mechanism in which the large spiral spring operates when the seatbelt is retracted and the small spiral spring operates when the seatbelt is worn, lessening the feeling of pressure felt by users when wearing seatbelts and enabling the use of these reducers in luxury automobiles. Our company's product is compact and can be stored the same as normal retractors.



Clean production processes in which even dust is controlled.

ECU control parts

These are used in ESC products for automobiles as backflow prevention valves for controlling hydraulic pressure and pneumatic pressure. Because these are precision parts in which even the intrusion of fine dust is not permitted, they are assembled in ISO Class 5 clean rooms and each product undergoes both external appearance and functional inspections. These are performed in a comprehensive manner on our automated continuous line. Also, measurement software designed by our company is used for total inspections to perform each highly precise inspection. By using our company's precision shaped materials for components, we can provide solutions that significantly shorten processes.



This technology activates during sudden stops.

Sensor rings

This product is installed on the rotating axis and transmits the rotation status to the sensor using the concave and convex portions of the gear. It is employed in many automobile ABS systems (anti-lock brake systems). We use press, forging, and cutting processes to manufacture thin gears for which ensuring circularity and flatness can be difficult. In addition to slanted gear shapes, complex shapes and gear cutting at various positions are possible, and we are also able to provide various proposals to meet customer conditions.

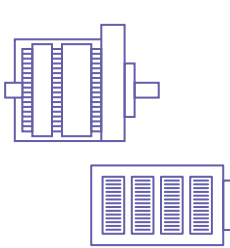


Parts with driving comfort and safety built in.

Detent springs

These plate springs are used for range switching in AT vehicle transmissions. By using a needle bearing to achieve optimal load, smooth and precise range switching can be realized. Our company utilizes a comprehensive production process, including everything from die design to bearing assembly. Furthermore, because this product is a part from which safety is demanded, load is measured and strictly controlled using automated inline total inspection devices.

Motor and electric parts



Shapes can be designed to suit wiring. Allowing wiring to be the main focus.

Busbar

Suncall busbar are individually designed to match unit shapes. By using various processing technologies, mainly forming processing in which dies are not necessary, we are able to provide optimal busbar. We offer aluminum material busbar that more lightweight and cheaper than copper ones. Furthermore, insulation coatings, including fire-resistant coatings, are also available.



A bus bar integrated sensor unlike any that has ever existed.

Shunt Busbar

This busbar integrated sensor includes a function that measures voltage while electricity is flowing. Highly precise detection is possible, from low currents to large currents such as those of lithium ion batteries. Contributes to space saving as the current detector is embedded into a portion of the busbar, which is necessary for connecting.



Achieving high-precision EV sensing with low power consumption.

Magnetic current sensor

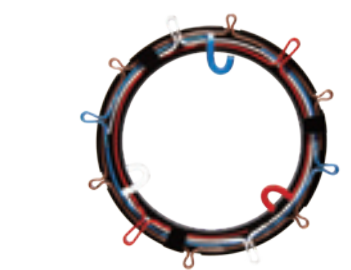
Installed in electric vehicle (EV) battery management systems (BMS) or similar systems, these components detect electrical current by sensing the magnetic field generated in the busbar. Equipped with an IC chip with the highest level of precision, they deliver highly accurate and universal sensing solutions. Because they can operate with a small number of simple parts, they reduce the risk of depleting the supply of electronic components, supporting stable supply. Their low power consumption also helps reduce environmental impacts.



Featuring electrodeposition coating that boasts superior voltage endurance properties.

Reactor coils

Because our reactor coils undergo electrodeposition coating after coiling, the insulating layer is uniform, meaning that processing damage does not occur easily and superior voltage endurance can be obtained. Also, by using shaped materials, the adherence height of coils is lower than that of solid copper wires in the same cross-sectional area, resulting in a more compact size.



Automating troublesome motor wiring work.

Bus rings (patent pending)

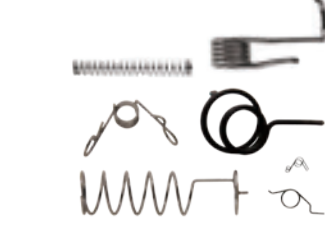
Manual motor coil wiring work can now be automated thanks to our new bus rings. Using Suncall's unique plastic processing technology, forming is performed using one rectangular copper wire, resulting in press dies no longer being necessary and yielding significant cost reductions. Also, installation space is kept to a minimum, contributing to more compact motors.

General-purpose spring parts



Heat-resistant springs

Highly heat-resistant and difficult-to-process NIMONIC90 and SUS631J1-WPC materials are used. These springs are also used for ship compressors, etc.



Small springs

We manufacture various types of springs, including compression springs, torsion springs, and tension springs. These springs can be used for various applications such as automobile door locks and electronic control parts.



Press parts

We provide comprehensive services, from die design and manufacturing to production processes. We also provide proposals for part shapes and functional testing.



Supplying next-generation motor cores with high levels of productivity.

Motor cores/stator cores

The parts that form the cores of motors, including motor cores and stator cores, are formed using multiple layers of thin plates with thicknesses of approximately 0.5 mm respectively and by employing production technology in which flatness and parallelism are emphasized. We employ an automated comprehensive production process that starts with press machining and includes shaft press-fitting, polishing and cleaning, and which realizes high levels of productivity.



One-touch connectors that significantly shorten inspection time.

Inspection pins for wire harnesses

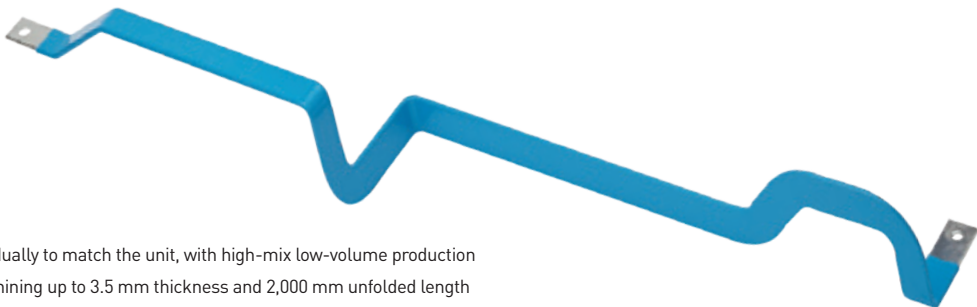
Tip shapes made to match with terminal shapes and sizes contribute to significant improvement in inspection work efficiency. Probe durability and serviceability are also improved.

Adaptability to identify deep needs and provide solutions that exceed them

The original technologies that Suncall has developed over its history have gained solid trust in the power distribution components of electric vehicles as well. These components can handle higher voltages and larger currents, and also allow customization with high-mix low-volume production. By responding a wide range of needs, we are also contributing to advancing EV technologies and achieving carbon neutrality.

The arteries of an electric vehicle, delivering large current

Busbar



Long busbar

- ◆ Designed individually to match the unit, with high-mix low-volume production
- ◆ Capable of machining up to 3.5 mm thickness and 2,000 mm unfolded length
- ◆ Flexibly support complex shapes with insulation made by powder coating



Forming busbar

Since no mold is required, production costs and material loss are greatly reduced.



Pressed busbar

High-precision dimensional accuracy design for inverter applications is possible.



Aluminum busbar

It is possible to propose various treatments at a lighter weight and lower cost than copper.



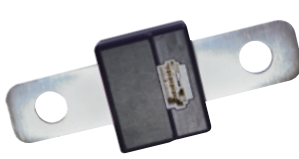
Flexible busbar

Minimize design restrictions and the effects of thermal compression

Detecting current flow for safe and efficient driving

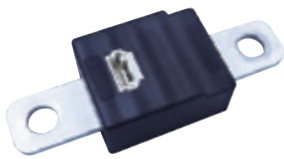
Current sensor / Shunt

Magnetic current sensor



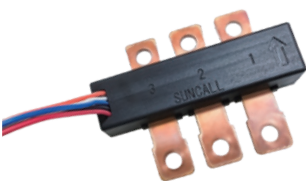
High-precision current sensor

Measurement accuracy $\pm 1\%$ (F.S) or less and low current Consumption



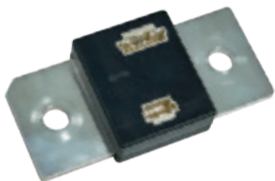
Digital Current Sensor

Can be set to any measurement range



3 phase Current Sensor

Space-saving and lightweight



Functional safety current sensor

Redundancy Design Magnetic resistor and Shunt resistor

Shunt-type current sensor



SBC-D300

Analog shunt sensor capable of measuring large currents



DST-Module

High-precision digital shunt sensor with insulation circuit

Suncall’s technical prowess and advanced solutions open possibilities for printers

Our company is the only manufacturer which can supply three types of ceramic-coated shafts (solid shafts for business machines, resin-coated TUBE shafts, TUBE shafts).

The technology that enables the creation of such long, lightweight and highly-precise shafts can also be widely used for applications other than rollers.



Shafts that enable photograph printing at home.

Shafts for business machines

Printer image quality is affected by the accuracy of paper feeds. Early printers that fed paper using rubber rollers were plagued by unstable paper feeds that caused printing irregularities to stand out. In response, our company started manufacturing solid metal shafts using our unique materials processing technology that can limit warping to micron levels. On the surfaces of these shafts we applied our original coating which includes ceramic grains to help realize more accurate paper feeds. High-quality photograph printing for home use and for business use up to A0 in size is possible.



Beautiful printing from beautiful shafts.

Carriage guide shafts

We have succeeded in the difficult task of developing shafts that are lightweight and with superior levels of paper-feeding precision. The result of our efforts was TUBE shafts with high levels of warping accuracy and diametral accuracy next to that only of solid shafts. Thanks to their ceramic-grain coating, printing of beautiful photographs for home use and for business use up to A1 in size is possible. Also, they can be employed for a wide range of applications other than printers using various processing technologies such as terminal processing, stepped processing, and bending.



Small springs

We manufacture various types of springs, including compression springs, torsion springs, and tension springs. These springs can be used for various applications such as automobile door locks and electronic control parts.



These are newly developed shafts for making printers more lightweight.

Resin-coated TUBE shafts

It was our goal to create paper-feed rollers that were more lightweight and lower in cost. This is a product that meets those requirements. By covering steel tubing with a resin layer, the shafts are made to be more lightweight, enabling their use with low-power motors. Costs are also reduced by eliminating the need for plating to protect against rust. Although warping accuracy and diametral accuracy are not at the same levels as that of solid tubes, they provide stable paper-feeding thanks to a ceramic-grain coating. They contribute to the increased popularity of reasonably priced printers that print up to A3 sized paper.



Small parts eliminate the annoying double-feeding of paper.

Torque limiters

Using clutch technology for business machines, we’ve developed a new paper feed separation mechanism. It features a mechanism in which rotation occurs if torque above a certain level is added to apply a brake when torque is weakened due to double-feeding of paper. It is used to prevent double-feeding of paper in printers and copiers and achieves high levels of paper separation. We can provide comprehensive production, from torque value design to the manufacture of springs and assembly of products.



Press parts

We provide comprehensive services, from die design and manufacturing to production processes. We also provide proposals for part shapes and functional testing.



Next-generation shafts with high-precision and lightweight properties that enable their use for a wide range of applications other than printers.

TUBE shafts

We have succeeded in the difficult task of developing shafts that are lightweight and with superior levels of paper-feeding precision. The result of our efforts was TUBE shafts with high levels of warping accuracy and diametral accuracy next to that only of solid shafts. Thanks to their ceramic-grain coating, printing of beautiful photographs for home use and for business use up to A1 in size is possible. Also, they can be employed for a wide range of applications other than printers using various processing technologies such as terminal processing, stepped processing, and bending.



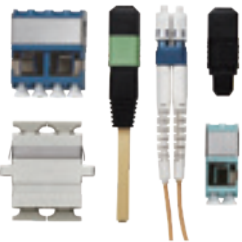
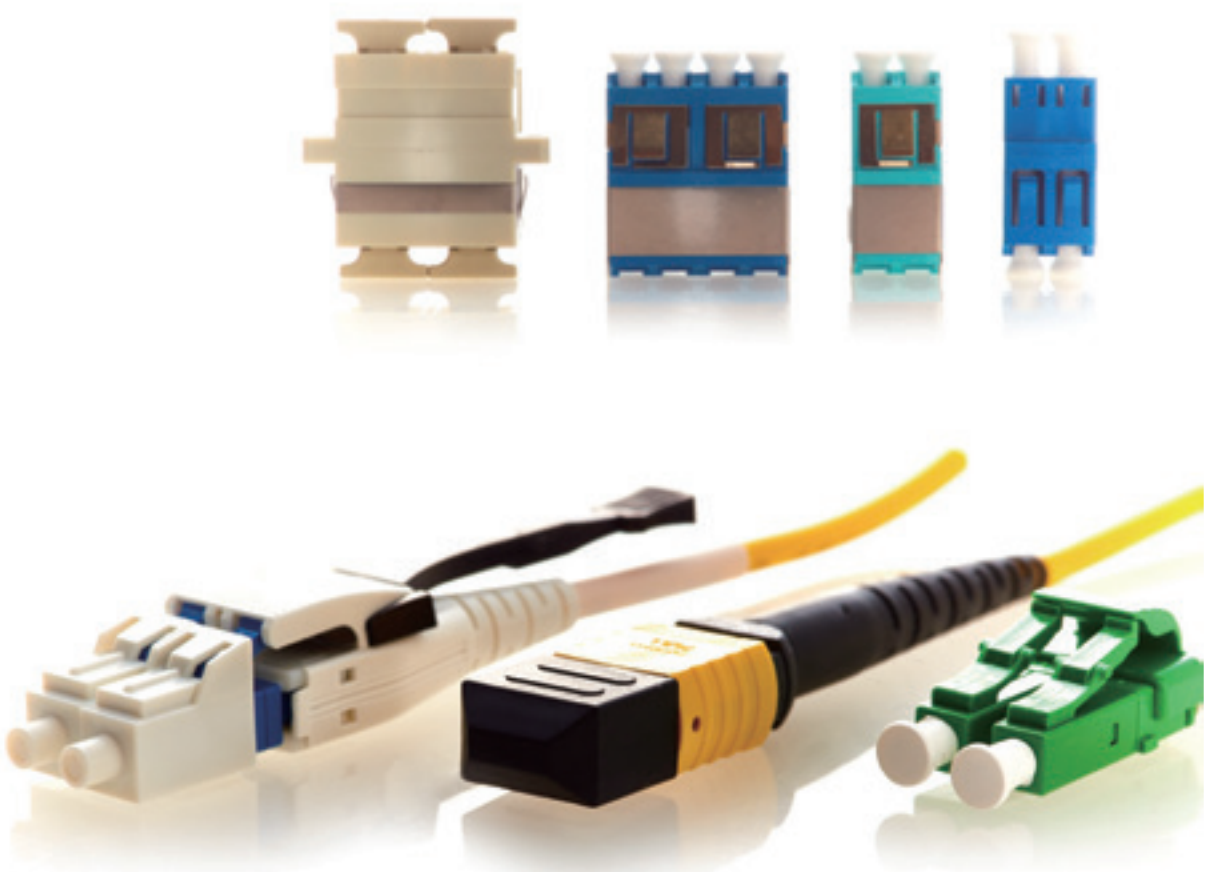
Stable torque transmission and noise repulsion using shaped materials.

Clutches for business machines

A product in which springs are manufactured using in-house produced shaped materials (rectangular wire) and assembled with resin parts. By using rectangular wire, not only can space-saving be realized, but significant contributions to stable torque transmission and noise repulsion can be made. Also, by changing spring specifications, torque adjustments can be made and usage for a wide variety of applications other than paper-feeds is possible. By using our in-house produced shaped materials (rectangular wire), usage is possible for timing mechanisms and ON/OFF mechanisms used for a pickup in the paper-feed unit in printers, etc.

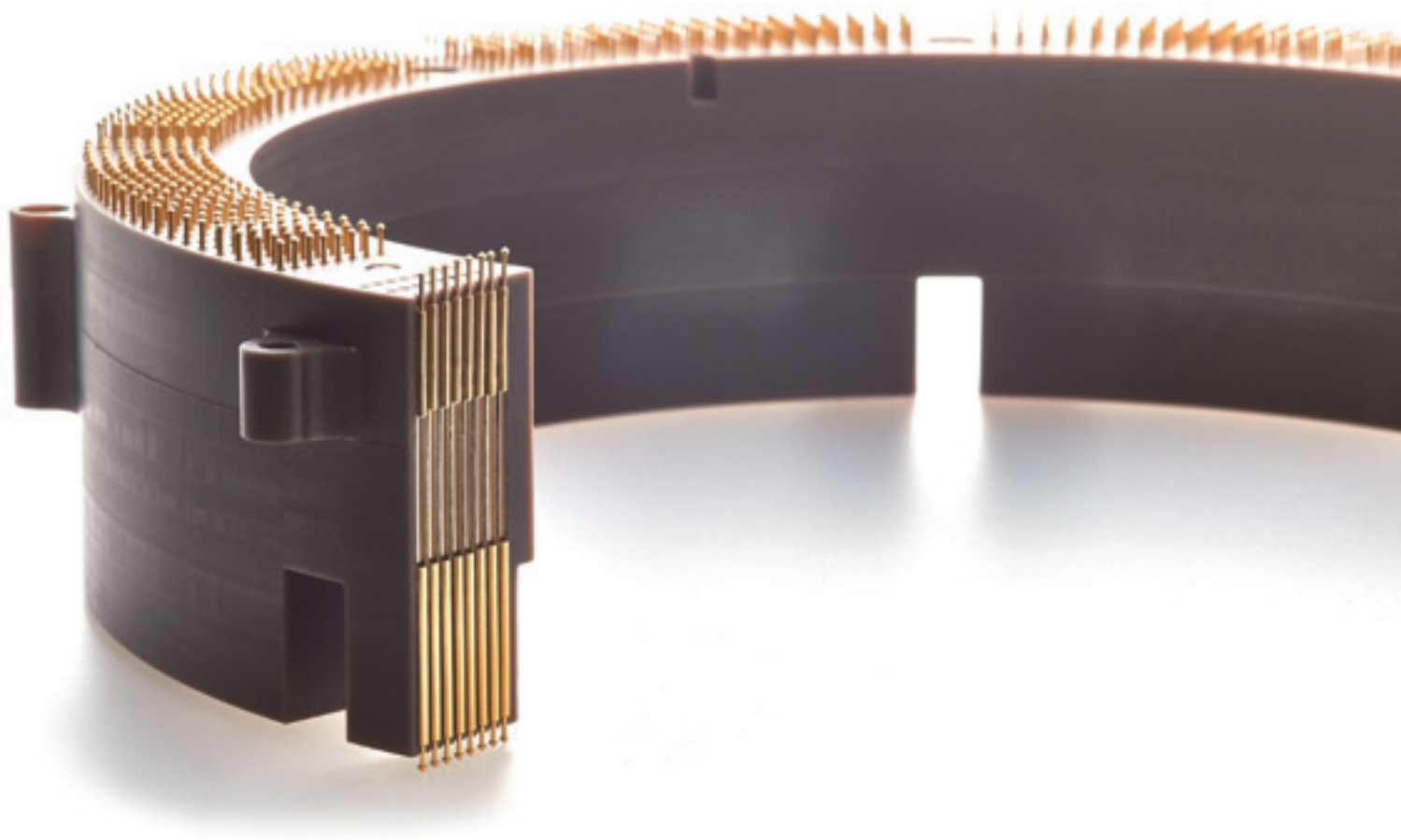
Proprietary production and supply systems for competing in the global market

Suncall develops, manufactures, and supplies optical connectors for information communications applications with in-house processes. We deliver high-quality and competitive products to the North American and Asian markets, as well as other global destinations. We are equipped with production and supply systems that allow us to compete strongly in the global market.



Connectors and adapters for optical communications

Various types are available, including standard types and uniquely designed products, and comprehensive production processes are provided, to processing and assembly from the design of resin dies for housings. We provide support for the ever-expanding optical communications network.



Playing an important role in maintaining quality and improving productivity.

Probes

Our probes are designed based upon inspection targets to ensure contact with contact points, with various ingenuity being employed in regards to shapes and materials. For example, in the case of high-speed testing of ceramic chip capacitors in which high levels of friction resistance are required, we offer ultra-hard probes made from ultra-hard alloys. By optimizing contact points, increased probe durability and improvements in productivity can be achieved.



One-touch connectors that significantly shorten inspection time.

Inspection pins for wire harnesses

These are probe pins for wire harnesses. Because we can provide proposals regarding tip shapes based on terminal shapes and sizes, inspection work efficiency can be greatly enhanced. Probe durability and serviceability are also improved. Pin types, such as conduction pins and switch pins, etc., can be selected to match the purpose of inspections. Terminals for connecting with inspection devices are also available.



Order-made according to inspection targets.

Unit assemblies for inspections

This is a unit component that further increases the efficiency in inspection using a probe. The interface corresponding to IC testers can be used to perform settings for probe configuration and board thickness, etc., according to inspection targets. Also, pin bases can be designed and manufactured to enable probe contact during inspections of board connector terminals. Individual probes can be replaced easily.

Anticipating the future, expanding into unknown territories <R&D>

Changes in society create new challenges. Suncall, which provides solutions through technology, welcomes these challenges and looks forward to its expansion into these unknown territories.

【Medical care】

Supporting healthy lives through technology

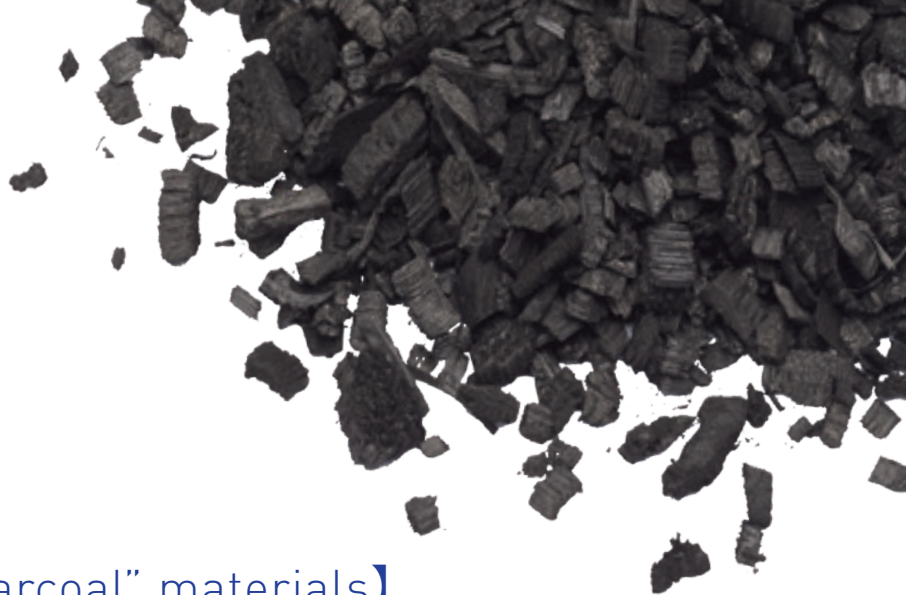
Japan is a country that faces an aging society unlike any the world has ever seen. Due to this, the desires to preserve lifelong health are only expected to increase. With this in mind, Suncall is now taking part in joint development with universities to create a rehabilitation robot named “Ortho-bot” that assists patients who have suffered from cerebral strokes. Suncall is taking its first steps towards plans for this technology to be introduced into the medical and care fields.



Developing technologies to overcome the barriers caused by disability

Rehabilitation robot “Ortho-bot”

This rehabilitation support robot was designed as part of joint development effort with Group 2 of Kyoto University's COI (Center of Innovation) base, in which our company participates, with the objective of improving the walking functions of patients who have suffered hemiplegia following a cerebral stroke. Just by installing this device to walking aids (knee ankle foot orthosis) used during everyday walking rehabilitation to prevent the collapse of paralyzed knees, it immediately becomes a walking-assisting robot. No special tools are necessary for installation, which can be completed within one minute. When installed, the motor provides the appropriate level of assistance during rehabilitation, inducing a natural walking manner and supporting the wearer to regain walking functions.



【Advanced “bamboo charcoal” materials】

Bamboo charcoal - A revolutionary method of dealing with bamboo tree proliferation

Bamboo charcoal, normally non-uniform in quality due to being produced manually and unstable in terms of production quantity, is now able to be produced in a stable manner that ensures uniform quality levels. Because high-temperature steam is used for its production, only low levels of CO₂ are emitted, and carbonization can be completed in approximately 40 minutes. Materials are supplied from neglected bamboo forests in Miyazu City in Kyoto Prefecture, a place in which bamboo tree proliferation has been a problem, and their removal has contributed to the preservation of local forests. Converting bamboo charcoal into activated charcoal enables its use as a deodorant and developments are underway for it's use in applications such as in capacitors.



A true Kyoto brand that uses Kyoto-made bamboo.

Bamboo charcoal

As opposed to imported bamboo charcoal that is produced by burning trees, our bamboo charcoal is produced without burning by instead using superheated steam. Because of that, almost no CO₂ (carbon dioxide) is given off. This is an industrial product manufactured via machine control, enabling the stable production of powder that is 10 microns in size or less. Our company is working towards the commercialization of two brands; one is the “Kyo-kaguyasumi” brand for general consumer use, with the other being the “Kyo-BAMBLACK” brand for industrial use.

We, at Suncall, aim to be a good neighbor as corporate citizens.

Suncall is engaged in diverse activities, both in-house and outside of the company, to fulfill our corporate social responsibility (CSR) based on our corporate philosophy. We will continue to promote our environmental and communal efforts on the basis of one of our fundamental principles: To be a good neighbor to the community.



Suncall is participating in the Takesumi (bamboo charcoal) Project, which contributes to the reduction of CO₂ emissions.

The bamboo resource utilization project in the city of Miyazu has succeeded in mass production of charcoal materials using a steam superheater developed by Suncall. The capability to produce charcoal without burning, i.e. using high-temperature steam, enables clean production which contributes to the reduction of CO₂ emissions. This effort has been adopted as a model case (Miyazu) for regional revitalization by Japan's Cabinet Office.



Suncall adopts an environmentally friendly washing facility

Suncall adopts a washing facility that takes into consideration the surrounding environment—including workers—in the fully automatic pickling line for washing the surface of various steel wires used in making automotive parts, electronics and information technology components. In this way, Suncall is dedicated to improving the working environment.



A mutually beneficial relationship with the region

A mutually beneficial relationship with the region Relationships between businesses and the districts in which they are located are changing rapidly. Corporations are expected not just to contribute to regional development, but also to cultivate harmonious and mutually beneficial relationships with their communities. Suncall conducts its business activities as a contributing member of local society. Moreover, our environmental objectives embrace "business activities that earn the trust of the community and advance environmental conservation in the region."



Participating in cleaning/ beautification activities of the community

Working with Communities on Environmental Problems At Suncall, we promote dealing with environmental problems in and around its locations. One example of this is our participation in the "Beautify Omuro and Tenjin Rivers Council," consisting the companies and other organizations doing business along the Omuro and Tenjin rivers which flow through Kyoto Ukyo-ku's urban and other districts. Over the course of the almost thirty years since its constitution in 1978, the council has implemented water quality inspections and environmental "patrols" around the area. The water quality has continued to improve since these inspections were begun, and fish, ducks, and other wildlife can now be seen swimming in or spending time around the water.



Suncall volunteers at Gion Festival

Suncall participates in one of the major festivals in Kyoto, the Gion Festival, by providing volunteer staff every year.



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Domestic Subsidiaries
SUNCALL Engineering Corporation 970 Toda, Minami-Alps, Yamanashi 400-0414, Japan TEL: +81(55)284-2981 FAX: +81(55)284-2980 Automotive-related Business, Electrical parts related
SUNCALL Kikuchi Corporation 1950 Akahoshi, Kikuchi, Kumamoto 861-1311, Japan TEL: +81(968)25-1105 FAX: +81(968)25-1107 Automotive-related Business, Electrical parts related



Offices abroad

Overseas Subsidiaries
SUNCALL AMERICA INC. Fiber Optics Division 150W Phillips Road, Greer, South Carolina 29650, U.S.A. TEL +1-864-329-1130 FAX +1-864-329-1131 Communications-related Business
SUNCALL AMERICA INC. Dallas Office (Sales office) 2812 Trinity Square Dr. Suite 110 Carrollton, Texas 75006 U.S.A. TEL +1-469-445-1131 FAX +1-469-445-1132 Communications-related Business
SUNCALL AMERICA INC. Automotive Division of Indiana 505 Industrial Parkway, Richmond, Indiana 47374, U.S.A. TEL +1-765-966-9656 FAX +1-765-966-8684 Automotive-related Business
SUNCALL TECHNOLOGIES MEXICO, S.A. DE C.V. Circuito Cerezos Sur No.106, Parque Industrial San FranciscoIV, San Francisco De Los Romo, Aguascalientes, Mexico C.P. 203 55 TEL +52-449-922-3750 Materials-related Business, Automotive-related Business
Suncall Europe Technology & Trading GmbH Leopoldstrasse 244 80807 Munich Germany TEL +49(0)89-208039-350 Automotive-related Business, Communications-related Business
SUNCALL (Guangzhou) CO., LTD. NO.6 Checheng Road Auto City Huadu District Guangzhou City China 510800 TEL +86-020-8673-3858 FAX +86-020-8673-3857 Automotive-related Business
Suncall (Guangzhou) Trading Co., Ltd. (Sales office) NO.6 Checheng Road Auto City Huadu District Guangzhou City China 510800 TEL +86-020-8673-3858 FAX +86-020-8673-3857 Materials-related Business
SUNCALL CO., [H.K.] LTD. (Sales office) Room2311,23/F, BEA Tower Millennium City 5,418 Kwun Tong Road, Kwun Tong Kowloon,Hong Kong TEL +852(3916)2026 FAX +852(3916)2002 Printer-related Products Business, Communications-related Business
Suncall Technologies (SZ) Co., Ltd. Building 4, Hongbang Technology Park, No.30, Cuibao Road, Baolong Street, Longgang District, Shenzhen, China TEL +86-755-2870-6720 FAX +86-755-2870-0795 Printer-related Products Business, Communications-related Business
SUNCALL TECHNOLOGY VIETNAM CO., LTD. Plot H-1, Thang Long Industrial Park, Vong La Commune, Dong Anh Dist., Hanoi, Vietnam TEL +84-24-3951-6372 FAX +84-24-3951-6374 Printer-related Products Business
SUNCALL HIGH PRECISION (THAILAND) LTD. 700/477 Moo 7 Tambol Donhualaw, Amphur Muangchonburi, Chonburi Province 20000 Thailand TEL +66-38-454-063 FAX +66-38-454-065 Automotive-related Business, Printer-related Products Business

Outline

May 31, 2025

Company Name	SUNCALL CORPORATION
Headquarters	14, Umezunishiura-cho, Ukyo-ku, Kyoto 615-8555, Japan
Founded	June 1943
Common Stock	4,808 million yen
Share listing	Standard Market of the Tokyo Stock Exchange
Settling Day	March, 31
Line of Business	Manufacture and distribution of automotive parts and materials, Printer-related products,Communications-related products
Offices in Japan	Kyoto (Headquarters), Aichi, Kanagawa, Tochigi, Nagano, Shizuoka, Hiroshima, Yamanashi, Kumamoto
Offices abroad	U.S., Mexico, China, Germany, Hong Kong, Vietnam, Thailand



History

Jun. 1943	Established the company under the name of SANKO SENZAI KOGYO CO., LTD. in Kyoto for the purpose of manufacturing high-grade steel materials for aircraft engine valve springs. (Capital: 1,700,000 JPY)	
Jul. 1945	Merged with Nissen Kogyo Co., Ltd. (Capital: 750,000 JPY).	
Jun. 1952	Started the delivery of valve springs for automobile engines to Toyota Motor Corporation and several other manufacturers.	
Jun. 1953	Succeeded in the commercial production of bead wires for automobiles.	
Oct. 1964	Listed on the second sections of Osaka Stock Exchange and Kyoto Stock Exchange.	
Oct. 1967	Established TOYOTA Plant to boost spring production.	
Dec. 1972	Established SUNCALL SENDAI CORPORATION in Sendai, Miyagi.	
Feb. 1974	Established subsidiary company, SUNCALL KIKUCHI CORP.	
Feb. 1981	Established subsidiary company, SUNCALL ENGINEERING CORP.	
Mar. 1984	Started the production of probes for electronic circuit inspection equipment upon capital investment.	
Dec. 1985	Started the production of suspensions for hard disk drives upon capital investment.	
May. 1989	Established subsidiary company, SANKO PETERSON CORP. as joint company in U.S.A.	
Jun. 1989	Established joint company SANKO PETERSON CORP. in the U.S.	
Nov. 1989	Constructed Hirose Plant in Toyota, Aichi.	
Jan. 1990	Purchased SWISS-TORONICS, INC. (Massachusetts, U.S.) as a subsidiary of SUNCALL SANKO CORP.	
Apr. 1991	Changed the company name to SUNCALL CORP.	
Apr. 1992	Established subsidiary company, SUNCALL CO., (H.K.) LTD. in Hong Kong.	
Nov. 1992	Established subsidiary company, HIROSE TECHNOLOGY CORP.	
Mar. 1994	Established BUJI MAN LING factory of SUNCALL CO., (H.K.) LTD. in Shenzhen, China.	
Jan. 1995	Established the subsidiary MICROWIRE, INC. in Ibo, Hyogo.	
Mar. 1995	Acquired the ISO 9001/9002 certification at head office plant. ・ISO 9001:HP suspensions, valve springs, and clutch springs materials ・ISO 9002:Valve springs and clutch springs	
Oct. 1997	Closed SUNCALL SENDAI CORPORATION and merged the business to SUNCALL-KC CORPORATION.	
Oct. 1997	Established subsidiary company, PT. SUNCALL INDONESIA. in Indonesia.	
Aug. 1999	Acquired the ISO 14001 certification at head office plant.	
Aug. 1999	Sold SWISS-TORONICS, INC., SUNCALL SANKO CORP.'s subsidiary.	
Jan. 2000	Established subsidiary company, SUNCALL AMERICA INC.	
Nov. 2000	Established subsidiary company, SUNCALL HIGH PRECISION LTD. in Chonburi Province, Thailand.	
Jan. 2001	Liquidated SUNCALL SANKO CORP., a wholly owned subsidiary in the U.S. in South Carolina, U.S.A.	
Dec. 2001	Listed on the first section of Osaka Stock Exchange.	
Aug. 2002	Liquidated MICROWIRE, INC.	
Jan. 2004	Succeeded in the development and commercial production of 10-gigabit optical transceivers.	
Jan. 2004	Made SANKO PETERSON CORP., a U.S. corporation for which SUNCALL owns 57% of the shares, a wholly owned subsidiary; Merged SANKO PETERSON CORP. to U.S. subsidiary SUNCALL AMERICA INC. (consolidated overseas subsidiary).	
May. 2004	Constructed Nano Tech Center on the Kyoto head office premise.	
Nov. 2004	Established subsidiary company, SUNCALL TECHNOLOGY VIETNAM CO., LTD. in Hanoi, Vietnam.	
Mar. 2006	Established subsidiary company, SUNCALL (Guangzhou)CO., LTD. in Guangzhou, China.	
Apr. 2009	Merged HIROSE TECHNOLOGY CORP.	
May. 2011	Established Suncall Technologies (SZ) Co., Ltd. as subsidiary of SUNCALL CO., (H.K.) LTD. in Shenzhen, China.	
Dec. 2012	Participated in KOBELCO SPRING WIRE (FOSHAN) CO., LTD. with Kobe Steel in Foshan, China.	
Jul. 2013	With a merger of Tokyo Stock Exchange and Osaka Securities Exchange, listed on first section of Tokyo Stock Exchange.	
Aug. 2013	Established subsidiary company, Suncall (Guangzhou) Trading Co., Ltd. in Guangzhou, China.	
Sep. 2013	Established subsidiary company, SUNCALL TECHNOLOGIES MEXICO, S. A. DE C. V. in Aguascalientes, Mexico.	
Nov. 2013	Established joint venture company, K & S WIRE CO., LTD. in Yangsan, Korea.	
Jun. 2014	Established subsidiary company, Suncall (Tiajin) Co., Ltd. in Tianjin, China.	
Oct. 2014	Established subsidiary company, HS POWERSPRING MEXICO,S.A de C.V. in Aguascalientes, Mexico (currently an equity-method affiliate).	
Jan. 2017	Established sales office, SUNCALL AMERICA INC. Dallas Office in Texas, U.S.A.	
Apr. 2017	Start mass-production of Shunt Busbars.	
Aug. 2024	Acquired the IATF 16949 certification for Aoutmotive related products at Head office.	

Fine Precision, Nano Solution



SUNCALL CORP.

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