

Suiko Co., Ltd.

< Corporate Profile >

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URL	http://www.e-suiko.co.jp/
No. of employees	140
Capital	48 million yen
Founding	September 1963
Representative	Takato Yokoyama

< Business Overview >

Production and sales of resin-based products through rotational molding

< Technology >

Suiko Co., Ltd. has successfully developed safe and comfortable polyethylene playground products possessing greater strength and enhanced anti-static properties!



Since polyethylene playground equipment is susceptible, by its nature, to ultraviolet (UV) degradation, it tends to suffer discoloration or property degradation after being placed outdoors (and exposed to direct sunlight) for a long time. To combat this problem, we at

Suiko Co., Ltd. have mixed a high-performance weathering stabilizer into the polyethylene used to produce our products, and by doing so, we have succeeded in protecting our playground equipment from damage from UV radiation. Utilizing this method, we have been able to boost both the safety and durability of our products: not only have we prevented our play equipment from being discolored under the hot sun, but we have also succeeded in extending the lifespan of our equipment.

Recently, together with an additive manufacturer, we have developed some materials that can prevent the generation of static electricity. With these materials, our company has successfully created types of polyethylene playground slides that do not readily produce static electricity, and these slides have been introduced to the market. These are colorful slides monolithically molded out of polyethylene, and are made in Japan. They are very accurately made and possess superb quality. It is possible to place an order even for a single unit of these slides, and the slides can be produced within short deadlines. As they are very easy to recycle, our polyethylene slides are considered highly eco-friendly.

[History of development]

At Suiko, we have developed polyethylene playground products because we want children—the creators of our future world—to play on safer and more comfortable playground equipment. In many cases, items of playground equipment have to be made so as to withstand rigorous weather conditions, since they will normally be installed outdoors. We have aimed to create playground products that are safe to use even under harsh weather conditions by boosting the physical properties of the polyethylene used in our play products. We have also considered that by overcoming the static-related problem of polyethylene, i.e., its tendency to become easily charged with static electricity due to poor electrical conductivity, we can determine what we can do further to enhance polyethylene playground equipment.

[Originality]

A wide variety of materials are used to produce playground equipment. Metal is not an ideal material for play equipment because it becomes very hot in the summer sun. Slides made of iron or of fiber-reinforced plastic (FRP) need to be repainted regularly, and it is difficult to predict when slides made of these materials will crack.

Our polyethylene playground equipment has characteristics not possessed by traditional polyethylene play equipment: the materials recently developed for our polyethylene play equipment are highly weather resistant and can maintain anti-static effects over the long term, and such properties will not fade even when our equipment is exposed to rain and

other harsh environmental conditions.

[Future development]

We possess techniques to diagnose UV ray-induced surface degradation of polyethylene products, and we can recommend when it is appropriate to replace an old polyethylene playground product with a new one. As we have obtained the “Wide-Area Certificate” from Japan’s Ministry of the Environment (a certificate that allows a manufacturer to freely collect its products sold to customers when they dispose of them), it is also possible for us to recycle our polyethylene products after they reach the end of their lifespan. From today onward, we are planning to further expand our line-up of playground products that offer the above advantages of polyethylene equipment as well as extra value not possessed by foreign play products. In the future, we are considering creating a park that exclusively features our playground equipment, which may be named “Suiko Land.”

< TOPICS >



Undergoing earthquake disasters and becoming actively involved in social activities

With its factories located all over Japan, our company has been directly affected by many of the major natural disasters that have occurred in the country, such as the Great Hanshin-Awaji Earthquake, the Great East Japan Earthquake, and large-scale earthquakes that have struck Kumamoto and Hokkaido. Suiko’s products (e.g., plastic storage tanks and containers) have been used in such disaster areas to transport drinking water and water for toilets. Immediately after the Great East Japan Earthquake, all sales employees of our company temporarily stopped their sales activities and helped with the production of products delivered to the disaster sites. We all focused on delivering our products to the disaster sites as quickly as possible, and we believe we were able to make some contribution

to providing basic emergency life support to people in affected areas and helping them recover from the disaster. Currently, in response to requests from many places and many people, we are providing our transport tanks for sanitizers as a means to suppress the spread of coronavirus infections.



Launching a YouTube channel to introduce Suiko's products

In the spring of last year, we launched a YouTube channel mainly for the purpose of introducing our products, and to our delight, the channel has been viewed by many people. Henceforth, we will strive to further enrich the content on our YouTube channel, making sure that the channel will serve as a useful aid or guide to our customers.

We are thinking of using many people's opinions as reference in developing and delivering our products, so please feel free to contact us by inquiry form or email.

< Corporate History >

- Sep. 1963 Osaka Suiko Co., Ltd. is established in Chayamachi, Kita-ku, Osaka City, Japan.
- Jan. 1967 Production and sales of rotationally molded products begin, and construction of the Amagasaki Factory, located in Tsukiji-honmachi in Amagasaki City, Hyogo Prefecture, is completed.
- Aug. 1970 The Ritto Factory is constructed in Ritto City, Shiga Prefecture.
- May 1972 The Tokyo Sales Office (the present-day Kanto Sales Office) is opened.
- Feb. 1974 Capital is increased to 48 million yen (the present amount).
- Jan. 1989 The Kyushu Sales Office is opened in Kumamoto.
- Jun. 1994 The Kumamoto Factory and the Kyushu Sales Office are relocated to Ozu-machi, Kumamoto Prefecture.

- Feb. 1998 The Minakuchi Factory (the present-day Shiga No. 1 Factory) is constructed in Koka City, Shiga Prefecture.
- Jan. 2000 The company changes its name to Suiko Co., Ltd.
- Jul. 2000 The company obtains ISO 9001 certification.
- May 2001 The headquarters, the Amagasaki Factory and the Shipping Center are consolidated. Construction of a new office building and a new factory, located in Nishimukojima-cho, Amagasaki City, is completed.
- Apr. 2005 The Nagoya Sales Office (the present-day Chubu Sales Office) is opened.
- Jun. 2006 The Shiga No. 2 Factory is constructed in Koka City, Shiga Prefecture.
- Aug. 2006 The MC-50000, one of the largest storage tanks made out of polyethylene in Japan, is developed.
- Sep. 2010 The "Wide-Area Certificate" is obtained (from Japan's Ministry of the Environment), and the "Suiko Recycling System" is launched.
- Dec. 2010 The Tokyo Sales Office (the present-day Kanto Sales Office) is relocated. A showroom is constructed to be included in the office at the new location.
- Sep. 2011 The LA-30000, the largest storage tank made out of polyethylene in Japan that does not come with a reinforcing framework, is developed.
- Aug. 2012 The East Tower is newly constructed in the Shiga No. 2 Factory premises.
- Aug. 2012 The world's first machining robot used for rotationally molding is developed and starts to be used at Suiko.
- Jan. 2013 The brand named "arietta," which focuses on product design, is launched.
- Nov. 2016 The South Tower is newly constructed in the Shiga No.1 Factory premises. One of the largest molding machines used in Japan to create plastic products is developed and starts to be used at Suiko.
- Dec. 2019 Suiko is designated as one of Hyogo's "Only-One" Companies.