



**The 2020-2021 Guidebook for  
the Database of “SUGOWAZA”  
Manufacturing Companies in EHIME**



**Leading-edge Technologies &  
Sophisticated Techniques**

# **EHIME**

**in**

A Selection of  
**194**  
Companies!

**ehime sugowaza**

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<http://www.sugowaza-ehime.com/>

# m e s s a g e



**Tokihiro Nakamura,**  
Governor of Ehime  
Prefecture

The industrial structure of Ehime Prefecture is defined by a balance rarely seen anywhere else in Japan, with each prefectural region having its own unique industrial concentrations: secondary industry is abundant in the Toyo Region (eastern area of the prefecture), tertiary industry thrives in the Chuyo Region (the central area of the prefecture around Matsuyama City), and primary industry is dominant in the Nanyo Region (southwestern area of the prefecture).

There is a wide array of industrial cities in the Toyo Region, which are home to numerous manufacturing companies boasting advanced technology unparalleled elsewhere in Japan and producing top-quality products. In the field of manufacturing, a number of papermakers and paper processing companies have been around since long ago in Shikokuchuo City, its shipment value of the pulp / paper and paperproducts is the greatest in Japan. Following the opening of the Besshi copper mine in the Edo Period (1600-1868), Niihama City grew into the Sumitomo Group's "corporate castle town," becoming active in fields such as chemicals, machinery and nonferrous metals. Saijo City, on the other hand, provides an excellent location for steel industry operations, as well as companies operating in fields such as beverages, chemicals and shipbuilding. Imabari City is home to a number of world-renowned shipbuilding and shipping companies.

If we turn our attention to the Chuyo and Nanyo Regions, we encounter a rich tapestry of locally rooted, promising manufacturing companies that masterfully utilize the resources unique to their regions.

In 2011, the prefecture publicly sought data on manufacturing companies in Ehime possessing "SUGOWAZA" leading-edge technologies and sophisticated techniques. For the 2020 edition, we have added some companies and "SUGOWAZA" to the enhanced database, which now contains information on a total of 194 companies and 254 "SUGOWAZA."

We hope to use this database to widely promote, inside and outside of the prefecture, the appealing companies and industries that together form the "underlying strength" of Ehime Prefecture, with the goal of both extending their markets and providing cross-industry matching services.

If you work at one of the companies that strive to achieve innovation on a day-to-day basis, and you have interest in any of the companies included in our database, we encourage you to contact our prefectural office. It is our hope that this database can be actively utilized as a tool to expand business opportunities.

## Industry of Ehime Prefecture

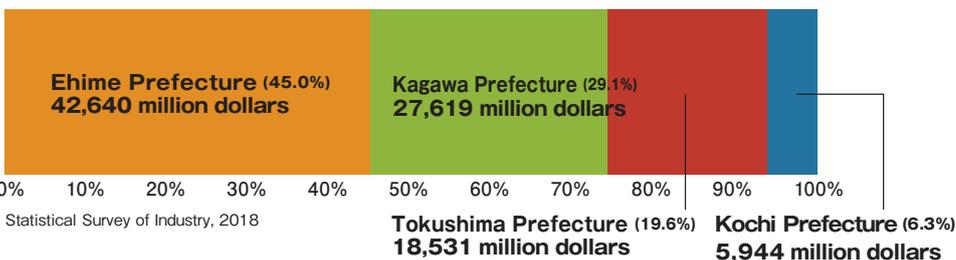
Ehime Prefecture has an estimated population of approx. 1,330,000, and gross prefectural product (nominal) accounts for approx. 51,498million dollars (2017), with an approx. 42,640million dollars (2018) total value for manufactured goods shipped.

The prefecture's industrial structure (based on production output) is, primary industry 2.1%, secondary industry 30.7%, and tertiary industry 66.9%.

In addition, the industry of nonferrous metals has the highest product shipment value (18.5%) and paper/pulp (12.7%), petroleum and coal (12.2%), and shipbuilding/other transport-related machinery (11.4%) follow.

Ehime is a unique industrial prefecture in that it accounts for 45.0% of the total shipment value of manufactured goods in Shikoku.

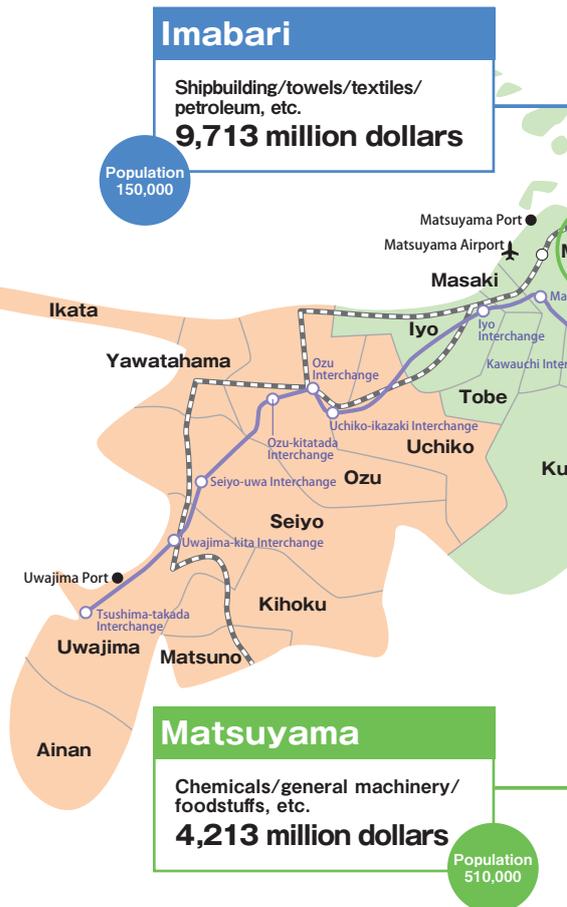
## Component ratio of four prefectures in Shikoku



## Population of each prefecture

Ehime about 1,330,000 Kagawa about 950,000 Tokushima about 720,000 Kochi about 690,000

## Total Value of Manufa for Major Cities in Ehi



**No.1 in Japan!!**

[Industrial products]  
Main No.1 in Japan Products  
(Statistical Survey of Industry, 2015)

- Towels
- Shugi goods, (mizuhiki paper strings, money gift envelopes, etc.)
- Paper for paper screen, paper for calligraphy

# Regional Concentrations of Industry

Toyo area

## Shikokuchuo / Niihama/ Saijo

Shikokuchuo City is a distinguished paper manufacturing center catering to everything from traditional mizuhiki paper to advanced state-of-the-art fields, and home to companies such as the Daio Paper Corporation, operating a large plant for paper and pulp. The city also boasts the greatest value for manufactured goods shipped in Japan for the paper manufacturing and processing industry. Along with papermakers, a large number of paper processing companies such as Unicharm Corporation and Lintec Corporation are located in Shikokuchuo, making for wide-ranging production capabilities covering any type of paper product aside from stamps and banknotes.

Following the opening of the Besshi copper mine in the Edo Period (1600-1868), Niihama City eventually became known as Sumitomo Group's "corporate castle town," home to Sumitomo Metal Mining Co., Ltd., Sumitomo Chemical Co., Ltd. and Sumitomo Heavy Industries, Ltd. The city's industrial area is a concentration of small and medium-sized industrial machine companies that take advantage of the group's high-class technology, operating in nonferrous metals, chemicals and other such fields. There is also a company producing equipment of an asteroid people (A substance is extracted).

Saijo City has become one of the most active areas for industrial location. The cluster of major manufacturers' facilities located here includes Nippon Steel Corporation Setouchi Works, which is a development and manufacturing base for highly corrosion-resistant coated steel; The Saijo Factory of Renesas Semiconductor Manufacturing, which manufactures system LSI products and other products; The Saijo Factory of Kuraray Co., Ltd., a leading company in LCD polarizer films; the Asahi Breweries Co., Ltd. Shikoku Brewery; and others.

Toyo area

## Imabari area

The country's largest towel production area, accounting for more than 60% of the domestic share, and home to the Imabari towel brand. Also a large number of companies involved in clothing and textile companies are concentrated in this area. Furthermore, the area has been involved in shipping since ancient times thanks to its roots as an important marine transport hub: with shipbuilding companies such as Imabari Shipbuilding Co., Ltd. and Shin Kurushima Dockyard Co., Ltd., as well as BEMAC Co., Ltd. which undertakes shipbuilding-related processing and assembly, the Imabari area has developed into one of Japan's leading shipbuilding industry regions, accounting for approx. 17% of new ships manufactured domestically. There is also a wide variety of other production operations in the region, including local industries making use of regional resources to manufacture building stone, roof tiles, lacquer ware and other products, as well as major food flavoring maker Nihon Shokken Holdings Co., Ltd., high-quality petroleum product manufacturer Taiyo Oil Co., Ltd.

Chuyo area

## The Chuyo area centering on Matsuyama

Chuyo region has approx. 40% of the prefectural population and many mainstay facilities of governments are located especially in Matsuyama, the capital of Ehime. There is also known as famous sightseeing spot including Dogo Hot Springs, Matsuyama Castle. Furthermore, the tertiary industries such as commerce, tourism and service industry are accumulated there.

Along with the Toyo Region, the Chuyo Region is a leading industrial zone of the prefecture. A number of top-class corporations, as well as medium and small-sized corporations with advanced technical capabilities that support them, can be found here: These include Toray's Industries, Inc.'s Ehime Plant, a supply base for carbon fibers used in aircraft and bicycles for sports chemical manufacturers such as Teijin Limited Matsuyama Plant, which produces high-strength aramid fibers; large-scale machine maker Iseki & Co., Ltd., a manufacturer of agricultural equipment; Miura Co., Ltd., a major producer of boilers that is actively expanding into environment-related fields; healthcare and medical device maker PHC Co., Ltd.; processed foods companies Yamaki Co., Ltd. and Marutomo Co., Ltd., which produce dried bonito flakes and other products; and other companies, including a majority of the information service companies in the prefecture.

Nanyo area

## The Nanyo area centering on Yawatahama, Ozu, and Uwajima

This region, which centers mostly on primary-sector industry, is known not only as being one of the few citrus fruit production centers in Japan, but also for its aquaculture industry which provides abundant yellowtail, pearl and red sea bream: prefectural fish.

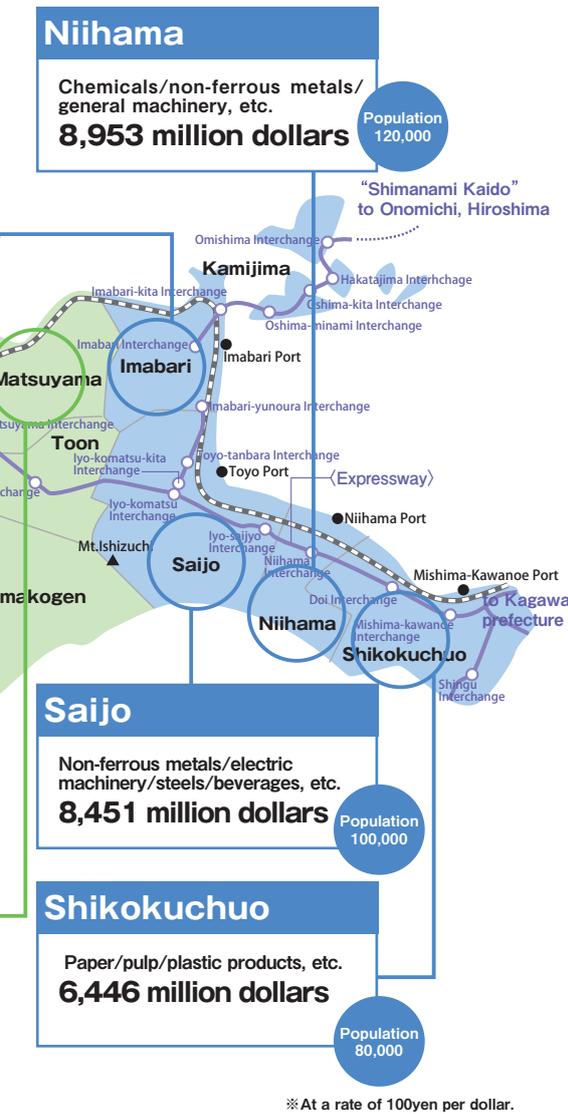
Yawatahama City area is home to fish paste products manufacturers since long time ago. In addition, a ham and sausages maker, Seinan Kaihatsu Co., Ltd., which developed the first fish sausages in Japan, is located.

Ozu City is home to a number of companies with strong planning and development capabilities that are active in unique fields, including Senmi Ekisu Co., Ltd., a company that makes masterful use of biotechnology to produce natural flavor extracts, foods with specific health-preserving functions and other products; Marusan Industry Co., Ltd., a company that manufactures absorbent cotton products for medical use, cosmetic cotton pads and other sanitary materials and products; Aitec Corporation, the country's leading manufacturer of toothbrushes for business purpose in hotels.

In Uwajima City, there are a lot of Marine product processing companies. They take advantage of its rich aquatic resources, and the area is also home to Kaneko Co., Ltd., a party cracker manufacturer whose products boast the top market share in Japan.

# Cultured Goods Shipped from Prefecture

(Statistical Survey of Industry, 2019)



[Products of agriculture, forestry and fisheries]  
Main No. 1 in Japan Products  
(Statistics of agriculture, forestry and fisheries, 2017 to 2019)

- Citrus ← No.1 in Japan for 44 years running!!
- Kiwi fruits ← No.1 in Japan for 33 years running!!
- Naked barley ← No.1 in Japan for 33 years running!!
- Pearls ← No.1 in Japan for 14 years running!!
- Cultured sea bream ← No.1 in Japan for 29 years running!!



# “SUGOWAZA” Companies’ INDEX

Database of "SUGOWAZA" Manufacturing Companies in EHIME

<http://www.sugowaza-ehime.com/>

	<b>Textiles</b>				
	Ishikawa Tent Co. Ltd.				
	Iyoya Towel co.				
04	Craft Center Oriza Inc.				
	TM Tomioka KK				
	Toyo Co., Ltd.				
	Nishi Senkoh Co., Ltd.				
	Fujitaka Inc.				
	Maruyamatowel Corporation				
	co-op Ryo ka				
05	<b>Furniture / Accessories</b>				
	Sakawa Co., Ltd.				
	<b>Pulp / paper / paper products</b>				
	Ikazaki Shachu Inc.				
	Izumi Paper Co., Ltd.				
	Kamishoji Corporation				
	Goshika Paper Co., Ltd.				
06	Shimizu Co., Ltd.				
	Daio Paper Corporation				
	Daifuji Paper Mfg. Co., Ltd.				
	TAMU Co., Ltd.				
	Daruma seishishio YK				
	Tokiwa Kougyou				
07	Hattori Paper MFG. Co., Ltd.				
	Marusan Paper Co.				
	Marusumi Paper Company Ltd.				
	Miki Tokusyu Paper Mfg. Co., Ltd.				
	Requ Co., Ltd.				
	Livedo Corporation				
08	Washi Ishikawa Ltd. co.				
	<b>Chemicals</b>				
	Aitec Corporation				
	I'm corporation Co., Ltd.				
	SHINWA Corporation				
	HONDA Yoko Co., Ltd.				
	Marusan Industry Co., Ltd.				
09	<b>Plastic products</b>				
	Okamoto Kasei Co., Ltd.				
	TOYO SHOKUSAN CO., LTD.				
	NISSEN Chemitec Co., Ltd.				
	Fukusuke Kogyo Co., Ltd.				
	Morishita Industrial Corporation				
	<b>Rubber products</b>				
	Justion Co., Ltd.				
10	TAKECHI Co., Ltd.				
	<b>Ceramic / soil and stone products</b>				
	TAISHIN Co., Ltd.				
	NIHON-DISK IND. CO., LTD.				
	Fujiwara Chemical Co., Ltd.				
	<b>Steel industry</b>				
	Co-op for Ehime Pig Iron and Casting Industrial Complex				
	Ochi Foundry, Inc.				
	Niihama Machinery Industry Co-Op				
11	<b>Non-ferrous metals</b>				
	Dozen Kogyo Co., Ltd.				
	<b>Metallic product</b>				
	RS Company Ltd.				
	Aishin Ironworks Co., Ltd.				
	ABE IRON WORKS LTD.				
	Ehime Boring Kiko Co., Ltd.				
12	Ogasawara Industrial Company				
	ODA Engineering Co., Ltd.				
	Ono Ironworks Co., Ltd.				
	Kurita Inc.				
	Kurita Foundry Co., Ltd.				
	Ken Matsuura Racing Services Co., Ltd.				
13	KOS21 Company Limited.				
	COSMO SEIKI INC.				
	Sasaki Manufacturing Industry Co.				
	Suntechno Kuga Co., Ltd.				
	Shiozaki Seisakusho Co., Ltd.				
	Jinno Kogyo Co., Ltd.				
14	Sumitomo Heavy Industries Himatex Co., Ltd.				
	Taishin Stainless, Y.K.				
	Daitec Co., Ltd.				
	Daiya Alumi Co., Ltd.				
	DAIRIKI Co., Ltd.				
	Takasuka Co., Ltd.				
15	Takahashi Industries Co., Ltd.				
	TAKAYOSHI THE INDUSTRIAL PLACE				
	TAKUBO Industrial Co., Ltd.				
	Takenaka Wire Cloth Co., Ltd				
	Tastem Co., Ltd.				
	TANIGUCHI HEAT TREATMENT CO., LTD.				
16	Chuo Stainless Co., Ltd.				
	CHOSO IRONWORKS CO. LTD.				
	two-teq CO., LTD				
	Tsuzuki Ironworks Co., Ltd				
	Terao Tekkoshu, Y.K.				
	TOUWA KOGYO Co., Ltd.				
	Nishioka Iron Works Co., Ltd.				
17	HAGIO KOATSU YOKI CO., LTD.				
	Horie Co., Ltd.				
	Matsukawa Kogyo Co., Ltd.				
	Miyatani Co., Ltd.				
	Yutaka Co., Ltd				
	<b>Plant</b>				
18	Oishi Kosakusho Co., Ltd.				
	Kaga Kogyo Co., Ltd				
	Katakami Komuten YK				
	Miyoshi Iron Works Co., Ltd.				
	<b>General machinery</b>				
	Intelligence and High Technology Co., Ltd.				
	Aiken Kakoki K.K.				
19	Ai Torino Co., Ltd.				
	ATEX CO., LTD.				
	AdMeTech Co., Ltd.				
	IURA CO., LTD.				
	Izumi Seiki Co., Ltd.				
	ISEKI & CO., LTD.				
20	USHIO REINETSU CO., LTD.				
	NS Corporation				
	OKAME SEISAKUSHO Co., Ltd.				
	OCHI MACHINERY CO., LTD.				
	Obe Machinery & Engineering co., Ltd.				
	KAWANOE ZOKI CO., LTD.				
21	Kan Mechanical Industry Inc.				
	GIKEN KOHKI CO., LTD.				
	Clean Mechanical Co., Ltd.				
	SANKO MACHINERY CO., LTD.				
	Japan Steel Techno Co., Ltd.				
	Sigma Kikaku Co., Ltd.				
22	Shinwa Industrial Co., Ltd.				
	SHI-ATEX Co., Ltd.				
	Sumitomo Heavy Industries Process Equipment Co., Ltd.				
	CellFree Sciences Co., Ltd.				
	Sogabe Ironworks Ltd.				
	DAIO ENGINEERING CO., LTD				
23	DAIKI AXIS CO., LTD.				
	Daisho Tekkoshu Co., LTD				
	Daiwa Packaging Systems CO., LTD				
	TOP SYSTEM Co., Ltd				
	NIPPON CAREER INDUSTRY CO., LTD				
	Hagiokikai Co., Ltd.				
24	FUJIKOSO INC.				
	Frasco Co., Ltd				
	Matsuyama Kigata Inc.				
	MANABE ZOKI CO., LTD				
	MARUYASU Inc.				
	MIURA CO., LTD				
25	Miyata Iron Works Co., Ltd.				
	Yamasei Co., Ltd.				
	Youth Engineering Co.,Ltd.				
	Yokozaki Manufacturing Company Ltd.				
	<b>Electric machinery</b>				
	Aprise Co., Ltd.				
	Iio Electrics Co., Ltd.				
26	Wintec Co., Ltd.				
	EX Co., Ltd.				
	MCOT Co., Ltd.				
	MD Technos Co., Ltd.				
	OBU Inc.				
	Okada Electric Corporation				
27	Cyber Co., Ltd.				
	Sealive.Inc.				
	System LSI Co., Ltd.				
	Tanaka Giken Co.,Ltd.				
	TECHNO MAGIC Co., Ltd.				
	Nishiki Densoh Co., Ltd.				
28	Nippon System Group Co., Ltd.				
	PHC Co., Ltd.				
	BEMAC Co., Ltd.				
	HOKUTO Inc.				
	Rearun Co., Ltd.				
	RiverTec Corporation.				
	<b>Transportation machinery</b>				
29	ASAKAWA SHIPBUILDING Co., Ltd.				
	IMABARI SHIPBUILDING CO., LTD.				
	IWAKITEC CO., LTD.				
	Koei Sangyo Corporation				
	Higaki Shipbuilding Co., Ltd.				
	Yano Shipbuilding Co., Ltd.				
	Yoneyama Agricultural Machinery Manufacturing Co., Ltd.				
30	<b>IT / tech</b>				
	input Co., Ltd.				
	SSP Co., Ltd.				
	NP System Co., Ltd.				
	EHIME COMPUTING CENTER CO., LTD.				
	OMI Inc.				
31	Jitsuta Co., Ltd.				
	Taiwa Corporation				
	NEWWAVE Co. Ltd.				
	Pal Software Service Inc.				
	PC Trend Co., Ltd.				
	Bizuniqu, Inc.				
	FINDEX Inc.				
32	Miyamoto Orange Garden Co., Ltd.				
	<b>Foodstuffs</b>				
	ASAHIKYOHAN CO., LTD.				
	Ehime Beverage Inc.				
	OKABE CO., LTD.				
	Kishimoto Co., Ltd.				
33	Sanbee Foods Co., Ltd.				
	Shikoku Nyugyou Corporation				
	Shindo Shigeharu Shop Co, Ltd.				
	Senmi Ekisu Co., Ltd.				
	Nihon Shokken Holdings Co., Ltd.				
	Hassui Kamaboko Co., Ltd.				
34	Maeda Co., Ltd.				
	Matsushita Kaisan Co., Ltd.				
	Marutomo Co., Ltd.				
	YAMAKI Co., Ltd.				
	<b>Others</b>				
	OCHI INDUSTRIES CORPORATION				
	KANEKO Co., LTD.				
35	Sakawa Printing Co., Ltd.				
	Seki CO., LTD				
	Forest Crew Co., Ltd.				
	Fujika Inc.				
36	Berg Earth Co., Ltd.				
	Mizukami Toso Co., Ltd.				

## How to call Japan

[Calling Japan from your country]

Ex: 0xx 81 89-9xx-xxxx

- 0xx - your country's international exit code (If you were to place an international call from the United States, your exit code would be 011)
- 81 - Country Code for Japan
- 89-9xx-xxxx - Phone Number (may not begin with 0): fixed - 9 digits, including area code

※The posted information is based on the data as of August 1st 2020. It is subject to change.

※The icons of No.1 in Japan and the shares or rankings in this brochure are reported by each posted company.

Toyo Co., Ltd.

No.1 Japan

Textiles

## Protective clothing that provides safety and comfort

This company specializes in the manufacture and sale of nonflammable garments and safety devices, including protective clothing and protective equipment made with aramid synthetic fibers and materials. They develop lightweight clothing products that are easy to work in and designed well, taking advantage of the aramid fibers' inherent flame resistance and high strength.

Its superior safety performance is pursued through repeated product usage testing, including evaluation for various product functions such as strength and heat resistance. Customized manufacturing revolving around specific material selection and combinations and other minute factors can be performed, and even small-lot production is possible.



SUGOWAZA

Toyo Paper Mfg. Co., Ltd.

2155-1 Ko, Shinyashiki, Komatsu-cho, Saijo, Ehime 799-1101  
TEL: 0898-72-5444 FAX: 0898-72-5443  
http://toyo-ltd.jp Founded: July 1972  
Capital: 25 M yen President: Manabu Watanabe  
Employees: 40 Businesses: Manufacture and sale of protective garments and armor  
Revenue: Non-disclosure



TM Tomioka KK

Textiles

## Masters of shade: Cooling the world using eco-tents

"Pyramid Suzu Shade" eco-tents (suzu means "cool" in Japanese) create shade in the space above the roof, reducing temperature increases in the building interior. Fluorine-coated fabric is used with breathable polyester mesh material to make this product, and proprietary pyramid-shaped fasteners developed by the company fix the product securely to the roof so winds won't disturb its positioning. Corporate names and mascot characters can be printed on the product surface, and the roof can even be used as advertising space. In addition, rolling screens made from the same material can be attached to walls and windows.



KK Tomioka Tent

130 Nakano-cho-machi, Matsuyama, Ehime 791-1121  
TEL: 089-993-7896 FAX: 089-993-7895  
http://tm-tomioka.com/ Founded: July 1990 Capital: 20 M yen  
President: Susumu Miyamichi Employees: 16 Businesses: Manufacture and sale, rental, lease of various types of tents.  
Signature production and building Revenue: Non-disclosure

Ishikawa Tent Co. Ltd.

Textiles

## Ecological measures using shade from roof-mounted shades

This company's roof shades, designed for quick attachment to folded-plate roofing using specialized brackets, not only offer lowered costs, they also achieve outstanding results in terms of thermal insulation.

Sturdy polyethylene mesh sheet blocks sunlight off and makes the shade on the roof. The air sandwiched between the layers reduces thermal conduction and suppresses temperature increases in the roof. As a result, it inhibits rising indoor temperature, power consumption from air conditioning during the summer and thus it is possible to reduce the environmental impacts.



Ishikawa Tent Co. Ltd.

2935-4 Mendori-cho, Shikokuchuo, Ehime 799-0113  
TEL: 0896-56-5042 FAX: 0896-58-7991  
Founded: Mar. 1989 Capital: 5 M yen  
President: Hiroshi Ishikawa  
Employees: 2 Businesses: Manufacture of shading devices, tents, sheets, vinyl curtains, and high-speed sheet shutters  
Revenue: Non-disclosure

Craft Center Oriza Inc.

Textiles

## The story of a loom: early-20th-century retro as new-style modern

The owner of Oriza researched and restored old-fashioned looms, which included restoration of an old-fashioned Toyota-type fixed-width loom that was previously used during the early Showa Period (early 20th

century). This powered loom was made by inventor and industrialist Sakichi Toyota in the early Showa Period, and there are very few such looms in operation today, making it a rare piece of machinery.

Oriza uses this loom to manufacture products and then sells them, while also developing new and original loom technology. The company received

the Minister of Economy, Trade and Industry's Prize at the 3rd Manufacturing Awards for its tate-yoko voroke moji-ori ("up-down staggered leno weave") weaving technique, a rarity anywhere in the world.



Craft Center Oriza Inc.

55 Ko, Onibara, Tamagawa-cho, Imabari, Ehime 794-0117  
TEL: 0898-55-2564 FAX: 0898-55-2584  
http://oriza.jp Founded: Oct. 2010  
Capital: 3 M yen President: Masatoshi Takeda  
Employees: 10 Businesses: Planning, manufacture, and sale of cotton/linen scarves, wool shawls, cotton caps, etc. Revenue: Non-disclosure

Nishi Senkoh Co., Ltd.

Textiles

## Proprietary technology in pursuit of environmental-friendly operations and value-added dyeing

Operating based on the motto "we will try dyeing anything that can be dyed," the company dyes towels and textile products in general. Through early implementation of a mass production system using natural dyes, use of natural orange extractives in precision processing that removes impurities from cotton thread, and other such measures, Nishi Senkoh has received high praise as an environmentally friendly company.

In addition, the company has been certified under the Organic Content Standard (OCS). The company has received much attention for its production of value-added products using inkjet and a wide range of tenter dyeing processes, use of platinum nanoparticles (which help eliminate bacteria and odors) in processing, and other approaches.



SUGOWAZA

Nishi Senkoh Co., Ltd.

4-5-1 Minamidaimon-cho, Imabari, Ehime 794-0027  
TEL: 0898-22-2588 FAX: 0898-23-8478 http://nishisenkoh.com  
Founded: Nov. 1968 Capital: 10 M yen  
Representative Director: Toshiaki Yamamoto Employees: 50  
Businesses: Planning, manufacture, and sale of textiles; dyeing and finishing  
Revenue: 766 M yen (as of Aug. 2016)



Iyoya Towel co.

No.1 Japan

Textiles

## Towels from your dreams with customizable patterns and pictures



SUGOWAZA

Iyoya Towel co.

1-11-17 Kitamura, Imabari, Ehime 799-1502  
TEL: 0898-48-3390 FAX: 0898-48-8700  
http://www.dokidoki.ne.jp/home2/iyoya  
Founded: Oct. 1967 Capital: 10 M yen President: Toichi Oda  
Employees: 40 Businesses: Towels in general, customizable towels, embroider/printed towels  
Revenue: Non-disclosure



A weaving technique named "Bishamon" is a groundbreaking method which effectively uses computers to interweave the pattern of a picture of a celebrity or character into towels. The patented technique is still very unique. Because of their practicality as towels, the demand for them as promotional tools or commemorative gifts is ever-increasing. In addition, the "Yumeorihime" technique is also much in demand, as it can interweave a name or design into towels. This company institutes strict production control systems which include keeping constant stock of more than 100 colors of yarn, which enables it to offer products at low prices with quick delivery.

Fujitaka Inc.

Textiles

## Dream towels interweaved with 90 years of history

Fujitaka has occupied a worldwide position of leadership for approximately 90 years thanks to advance technical and creative planning capabilities. This company, which boasts one of the largest domestic shipping volumes for Japanese-produced towels, uses Gobelins tapestry FX technology to offer full-pattern designs for even 190-cm-wide towels. Furthermore, use of five-color weaving enables extraordinary expressiveness for various types of patterns.

Using soft, water-absorbent F90 cotton towel threads, the "F90 COLOR COLLECTION" with its high variety of thread colors has aroused widespread interest.



**Fujitaka Inc.**  
3-5-16 Bekku-cho, Imabari, Ehime 794-0026  
TEL: 0898-32-5100 FAX: 0898-31-2210  
<http://www.fujitaka.co.jp>  
Founded: Aug. 1919 Capital: 20 M yen  
President: Toyofumi Fujitaka Employees: 161  
Businesses: Manufacture of towels and related products  
Offices: Tokyo BO  
Revenue: 3.8 B yen (as of Aug. 2019)

SUGOWAZA

Maruyamatowel Corporation

Textiles

## Printing technology and twisting machines for a new kind of individuality

This company provides high-quality bath towels, face towels and other towel products based on the concept "towels directly touch our skin, so they should be made as safe as possible." One of the company's greatest strengths is its twisting machines, which can twist two different strands of thread together. By using these machines, which are rarely seen anywhere in the world, towels with lame and other unique towel products are continually made available. Full-color photo-quality printing is available at the company's cutting-edge printing plant. Furthermore, pile weave can be produced at the same time that photo-quality printing is carried out through the use of computer programs, vastly expanding possibilities in towel production.



**Maruyamatowel Corporation**  
3-1-48 Higashitoyu-cho, Imabari, Ehime 794-0801  
TEL: 0898-23-0403  
FAX: 0898-32-0403  
<http://maruyamatowel.co.jp>  
Founded: Apr. 1984  
Capital: 95.7 M yen  
President: Kaname Maruyama  
Employees: 37  
Businesses: Manufacture of towels  
Offices: Higashimura 2nd Factory in Imabari, Saijo Printing Factory  
Revenue: Non-disclosure

SUGOWAZA

Izumi Paper Co., Ltd.

Pulp/paper/  
paper products

## Cleaner rivers through advanced wastepaper processing

This company has implemented a wastepaper recycling system to replace the conventional method, which uses large amounts of chemicals and contaminates water. In this improved system, friction between paper fibers is utilized and ink is removed from the paper through adhesion to bubbles. In addition, they have developed paper machines that consume very little energy, and environmentally friendly toilet paper production process that greatly reduces COD (chemical oxygen demand) per ton of wastepaper as well as electricity and fuel consumption. The company has received high reputations for its world-leading wastepaper processing technology.

**Izumi Paper Co., Ltd.**  
1523 Kawano-cho, Shikokuchuo, Ehime 799-0101  
TEL: 0896-58-2427  
FAX: 0896-58-6589  
<http://izumi.kami.ne.jp>  
Founded: Jan. 1946  
Capital: 45 M yen  
President: Shozo Udaka  
Employees: 81  
Businesses: Manufacture of toilet paper and paper towels made from recycled products; outside manufacture of related goods  
Revenue: Non-disclosure



SUGOWAZA

co-op Ryo ka

No.1  
Japan

Textiles

## Dyeing and weaving patterns to create an image of the future

The "collaborative unit" co-op Ryo ka was formed in 2008 through the union of the three specialized corporations in different fields who support the next generation in Imabari City: Uewaki Co., Ltd., who undertakes textile weaving; NISHI SENKOH Co., Ltd., who handles dyeing; and SUWA MONSHOH Ltd., who is in charge of rush weaving. Ryo ka is the first organization in the world to undertake high-precision, ultra-wide jacquard weaving, and during the same year (2011) it received the Industrial Promotion Contribution Award. Moving forward, the organization aims to further establish the Ryo ka brand—their challenges have only just begun.

**co-op Ryo ka**  
2-8-14 Minamihorai-cho, Imabari, Ehime 794-0043  
TEL: 0898-31-1378 FAX: 0898-24-2738  
<http://www.artisans-ryoka.com>  
Founded: June 2008 Capital: 1 M yen  
President: Daichi Uewaki Business: Planning, manufacture, and sale of textiles Revenue: Non-disclosure



Sakawa Co., Ltd.

No.1  
Japan

Furniture /  
Accessories

## Combining the blackboard with an IT device

The "Shaberu-kun" pressure-sensitive electronic blackboard with speakers and a projector mounted on top enables users to control PC operations by directly touching the projected screen image, making touch-panel-style operation and direct writing of text possible. The slide-type Shaberu-kun, which can be attached to an existing blackboard, saves space and poses no need for worry should it be shaken by an earthquake.

This company develops various types of products, including a holographic image board that uses the world's first dot system to combine the functions of a bulletin board and black board, and a UDV blackboard that enables precise projection of video images.

**Sakawa Co., Ltd.**  
2215-1 Minamigata, Toon, Ehime 799-0301 TEL: 089-966-5566  
FAX: 089-966-4455 <http://www.sakawa.net>  
Founded: July 1919 Capital: 30 M yen President: Toshitada Sakawa Employees: 30  
Businesses: Manufacture and sale of electronic blackboards and whiteboards.; Large-scale construction of wooden structures, production and sales of nonflammable timber  
Offices: Tokyo, Hiroshima  
Revenue: Non-disclosure



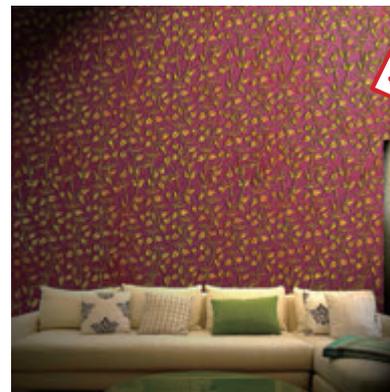
SUGOWAZA

Izumi Paper Co., Ltd.

Ikazaki Shachu Inc.

Pulp/paper/  
paper products

## Original Japanese paper that preserves and advances papermaking traditions



**Ikazaki Shachu Inc.**  
1620-3 Ko, Ikazaki, Uchiko-cho, Kita-gun, Ehime 795-0301  
TEL: 0893-44-4403 FAX: 0893-44-4403  
<http://www.ikazaki.jp>  
Founded: July 2008 Capital: 3 M yen  
Representative: Hiroyuki Saito  
Employees: 3 Business: Manufacture and sale of processed goods made from original Washi (Japanese paper)  
Revenue: Non-disclosure



Handmade Japanese paper is one of the traditional industries that Ikazaki has maintained for 350 years. The company manufactures and sells wallpaper, accessory items and other products that combine Japanese papermaking with creative gilding design. Ikazaki learned its gilding techniques directly from Gabor Ulveczki, a designer residing in Paris who also advises the company on its wallpaper product development and other areas. In addition, Ikazaki is registered as a company that supports the cultivation of Japanese brands, and endeavors to create original products using Japanese traditional paper.

### Eco-friendly paper packages



TAMU manufactures sophisticated, high-end punching machines for operation by skilled workers. This company also produces high-end paper cartons made manually for better design and durability. The main products are cylindrical paper cartons whose strength increases when paper is interlocked together. This, along with other sophisticated techniques, enhances TAMU's reputation as a skilled manufacturer.

TAMU responds flexibly to their customers' needs, developing distinctive and highly-durable products. Through durability tests conducted at Ehime Industrial Research Institute, TAMU's products are proven to be resistant to pressure and frozen storage.



**TAMU Co., Ltd.**  
371 Ko, Ebara-machi, Matsuyama, Ehime 791-0816  
TEL: 089-961-1514 FAX: 089-961-1504  
<http://tamunohako.com> Founded: Feb. 2003  
Capital: 10 M yen President: Katsuhiko Tamura  
Employees: 17 Businesses: Printed paper containers, paper cartons, paper barrel (paper containers, and paper garbage bags) Revenue: Non-disclosure

### Livening up events with bright and colorful decorative tapes

One of only a few such companies in Japan, Shimizu is a specialized producer and seller of decorative tapes and paper string used to liven up important soccer matches, baseball games and other sporting events as well as ship-launching ceremonies and a wide range of other such occasions. Their products account for 80% of the domestic market share.

Shimizu offers Hinotori Kanko Tape, which is made with environmentally friendly materials that readily decompose and return to the earth while ensuring reliable-quality color expression and wide color selection, and Venus Tape, a film-based product widely used as decorations at Tanabata (the Japanese "Star Festival") celebrations and school field days along with other such events. The company also makes and sells Sunshine Tape, Rainbow Tape, various paper strings, and a wide array of other products.



**Shimizu Co., Ltd.**

594-1 Muramatsu-cho, Shikokuchuo, Ehime 799-0401 TEL: 0896-23-8740  
FAX: 0896-23-8761 <http://shimizu-ltd.jp> Founded: June 1960  
Capital: 15 M yen President: Ryujii Shimizu Employees: 8  
Businesses: Production and sale of decorative tapes and paper string  
Revenue: Non-disclosure

### Creative power to bring about change through paper

This company provides medical care paper and wet care paper products with unparalleled levels of safety and quality that comply with numerous strict standards and have earned high praise by users in the medical and nursing care industry, food industry, precision manufacturing industry and others.

All employees are sharing the guiding concept of "contributing to society through creative power to provide solid value to end users" to achieve product specifications that are rarely obtained in conventional products. Value is also important in less tangible areas such as sales and distribution, and management systems such as SCM and VPN—which are rarely utilized by manufacturers—have been introduced.



**Daifuji Paper Mfg. Co., Ltd.**  
510 Muramatsu-cho, Shikokuchuo, Ehime 799-0401  
TEL: 0896-24-3385 FAX: 0896-24-7824 <http://www.daifuji.co.jp>  
Founded: Nov. 1959 Capital: 46.5 M yen President: Tadashi Hattori  
Employees: 69 Businesses: Manufacture, processing, and sale of various types of paper Revenue: Non-disclosure

### Pursuing a new future for paper

While seeking out new applications for paper products and always maintaining a focus on the increasingly important concepts of recycling and coexistence with the natural environment, this general trading company handles anything from the procurement of raw materials to research and development, manufacturing, processing, sales, and logistics in the paper field. Kamishoji deals with all types of household paper, specialty paper and papermaking stock, including everything from industrial paper, newsprint paper and general-purpose paper to tissue paper and toilet paper, striving to expand the possibilities of paper in all areas of our lives. This company responds to all types of demands by proposing and providing products.

**Kamishoji Corporation**  
1-2-27 Mishimamiyagawa, Shikokuchuo, Ehime 799-0404  
TEL: 0896-23-5400 FAX: 0896-23-5476  
<http://www.kamishoji.co.jp>  
Founded: Apr. 1962 Capital: 48 M yen President: Hiroaki Ikawa  
Employees: 200 Businesses: Wholesale of paper, cardboard, household paper, pulp, and papermaking materials Offices: Tokyo, Nagoya, Osaka, Kyushu, Sendai, Kita-kanto, Yokohama, Tottori, and Hiroshima Revenue: 107.9 B yen (as of June 2019)



### Advantageous resource-saving improvements at a comprehensive paper manufacturer



"Elleair + Water" tissue paper was created in response to customer dissatisfaction about the feel of

tissues on their skin. Moisturizing ingredients are mixed by using manufacturing technology not found anywhere else in the world to achieve a 170% moisture content improvement for each sheet (compared with company's standard product), resulting in a tissue that feels smooth to the touch and is gentle on the skin. The company's thin, lightweight, resource-saving PPC paper is made by maintaining the same paper quality while reducing its weight by approximately 14% and slimming it down 13% (percentages are comparisons with company's standard product), for paper so light it's shocking. This helps reducing CO2 emissions during shipping and also contributes in other areas.

**Daio Paper Corporation**

2-60 Mishimakamiya-cho, Shikokuchuo, Ehime 799-0492 TEL: 0896-23-9001 FAX: 0896-23-5694  
<http://www.daio-paper.co.jp> Founded: May 1943 Capital: 39.7 B yen President: Masayoshi Sako  
Employees: 2,359 Businesses: Manufacture, processing, and sale of paper, cardboard, pulp, and related products, everyday sundries, functional films, adhesive sheets, synthetic resin materials; plant design, installation, trading and technical guidance related to the aforementioned items; trading of raw materials and fuels for manufacturing and processing of paper, cardboard and pulp; trading of forest land and timber, forestation, lumber, wood processing, and greening and landscaping; others Offices: Tokyo HQ, BO—Osaka, Nagoya, Kyushu, Mishima Factory, Kago Factory, BO—Yokohama, Saitama, and other large cities, 4 overseas offices  
Revenue: 506.4 B yen (as of Mar. 2020)

### Traditional Japanese paper that brightens up festivals throughout Japan



**Goshika Paper Co., Ltd.**  
2523 Sangawa-cho, Shikokuchuo, Ehime 799-0431  
TEL: 0896-25-2323 FAX: 0896-25-2160  
Founded: Apr. 1952 Capital: 4 M yen  
President: Hideki Sogabe  
Employees: 22  
Businesses: Manufacture of various types of decorative paper and Japanese calligraphy paper  
Revenue: 330 M yen (as of Apr. 2016)



This company has the top market share in Japan for colored kyohana-gami, decorative paper used to make artificial flowers, which is an essential product for school events, the Tanabata star festival and other events throughout the country. Former products lacked resilience and tended to fade colors quickly. The company has been improved products through various research projects, using specialized blades for refiners and fade-resistant dyes. Because the company is most sensitive when it comes to dyeing, special high-quality dyes are used in amounts minutely adjusted depending on weather conditions in order to maintain high color fastness to light and ensure standardized coloring results for all products manufactured. The company also offers a uniquely wide selection of color variations.

## Tea bags combining high quality with the strength of the original

In 1983, this company began sales of the world's first tea bags. As a common household item, this product has undergone continuing improvements and maintains the top market share to this day. It is used widely even outside of Japan (mainly for black tea). No suitable non woven material was available when development of this product was started, so the company spent three years developing its tea bags based on the following three conditions: (1) has ideal thinness and sufficient strength; (2) won't cause harm as a food product item and has no taste or odor; and (3) doesn't use bleach or any other such chemical. All production processes are carried out using machines designed by the company itself, and dimensions and other such factors are strictly controlled according to company self-imposed standards.



### Tokiwa Kougyou

2663-1 Tsune, Doi-cho, Shikokuchuo, Ehime 799-0704 TEL: 0896-74-6115 FAX: 0896-74-8021  
<http://ochapack.com> Founded: July 1979 Capital: 12 M yen President: Terumi Kitano Employees: 46  
 Businesses: Development, manufacture, and sale of non-woven fabric products such as tea bags, coffee filters, and food bags Offices: Tokyo, Osaka, Fukuoka Revenue: 410 M yen (as of May 2013)

## Miki Tokusyu Paper Mfg. Co., Ltd.

### Processing numerous kinds of fibers into sheets formed through specialized technologies



Paper is generally made from wood pulp. However, this company does not limit itself to that basic ingredient, instead breaking up all kinds of natural ingredients (Oriental paper-bush, Manila hemp, etc.) and synthetic fibers in water and forming them into sheets to create a wide variety of specialized papers.

As a result, the company has received the National Invention Award for its research and development of specialized paper, the Fujiwara Award from the Japan Technical Association of the Pulp and Paper Industry, the Local Invention Encouragement Award, the First Science and Technology Agency Director General's Award and numerous other honors. The company now strives to become a leading provider in the fields of high performance papers and wet type nonwoven fabrics.

### Miki Tokusyu Paper Mfg. Co., Ltd.

156 Kawano-cho, Shikokuchuo, Ehime 799-0101  
 TEL: 0896-58-3373 FAX: 0896-58-2105  
<http://www.mikitoku.co.jp> Founded: Oct. 1947 Capital: 50 M yen  
 President: Masato Miki Employees: 188(as of Apr.2019)  
 Businesses: Manufacture of base materials for adhesive tape/membrane filters, food processing filters, insulation paper, and battery separators Offices: Tokyo Revenue: 6.935 B yen (as of July 2019)



## Hattori Paper MFG. Co., Ltd.

### Preserving cleanliness and vitality with electrolyzed water

In 2001, Hattori Paper MFG began sales of cleaning and skincare products that use electrolyzed water. The company utilized know-how gained through wet wipe production to create these products, and they came to replace toilet paper and paper towels as its staple products.

Hattori Paper MFG has utilized the cleaning power and other unique characteristics of electrolyzed alkaline water, electrolyzed sodium water and acidic electrolyzed water to develop products that improve customer lifestyles and health. As a guiding principle, all of the company's products are made with consideration for both people and the environment.



### Hattori Paper MFG. Co., Ltd.

171-1 Yamada, Kinsei-cho, Shikokuchuo, Ehime 799-0112  
 TEL: 0896-58-3005 FAX: 0896-58-3306  
<http://www.hattoripaper.co.jp>  
 Founded: Nov. 1950 Capital: 83.5 M yen President: Masakazu Hattori Employees: 150  
 Businesses: Manufacture of cosmetics, various types of pre-moistened wipes, cleaning wipes, tissue paper, kitchen paper, etc. Offices: Tokyo, Kyushu, Osaka Revenue: 4.5 B yen (as of Aug. 2019)

## Papermaking with consideration for the environment and people

In 2007, Marusumi Paper completed its kraft pulp manufacturing facilities that utilize EFC bleaching as well as intermediate-concentration ozone bleaching. Aside from reductions in wastewater, air pollution and other such factors, waste fluids from the pulping process are concentrated and then combusted in a biomass boiler to generate electric power and reduce fossil fuel usage.

Woodchips have been certified under FSC standards as part of efforts toward environmentally friendly procurement activities. In addition, the company also plays a role in the recycling industry, making every effort to increase the amount of recycled paper used through equipment and technical research.

### Marusumi Paper Company Ltd.

826 Kawano-cho, Shikokuchuo, Ehime 799-0196  
 TEL: 0896-57-2222 FAX: 0896-59-1001  
<http://www.marusumi.co.jp>

Founded: Feb. 1946 Capital: 1.2 B yen President: Kazuya Hoshikawa  
 Employees: 700 Businesses: Manufacture and sale of paper for newspaper, publishing, packing, phone directories; craft pulp; paper in different qualities Offices: Tokyo, Osaka, Nagoya, Kyusyu Revenue: 59.5 B yen (as of Nov. 2019)



## Marusan Paper Co.

### Flame-resistant paper made innovation happen in "Manufacturing skills"



### Marusan Paper Co.

742 Shimobun, Kinsei-cho, Shikokuchuo, Ehime 799-0111  
 TEL: 0896-58-3450 FAX: 0896-58-3502  
<http://www.marusanseishi.co.jp> Founded: June 1947 Capital: 50 M yen  
 President: Seiji Setsuda Employees: 21  
 Businesses: Base paper for desiccant agents, oil-resistant paper, rayon laminated paper, paper for printers, Japanese calligraphy paper, rayon slide-screen paper, base paper for insoles Revenue: Non-disclosure

Marusan Paper launched its business in 1919 and became a manufacturer of handmade Japanese paper. Their current main business is the production by order of base paper for processed paper goods. In addition, the extensive product lines include sliding-screen paper, Japanese calligraphy paper, oil-resistant paper, rayon laminated paper, and specialty paper.

Now, Marusan Paper has developed flame-resistant paper. It is highly resistant to flame and has no detectable amounts of hazardous substances. Since the paper is produced using only boric acid, it is simply carbonized—not burned—in flames. The technology can also be applied to cloth or yarn. This product is currently attracting much attention because of its low cost and eco-friendliness.

## Daruma Seishisho YK

### Planting lawn on rice-paddy levees to mitigate weed-removal labor requirements



Daruma Seishisho has achieved a weed-control method wherein centipede grass seeds are planted via air-blasting onto the embankments of weed-infested levees (ridges of earth between rice paddies), which results in lawn growth and reduces weeding-related labor demands. Standard air-blasted seed planting shows limited success as a countermeasure on levee surfaces where weeds are already in abundance; Daruma Seishisho's approach, on the other hand, uses papermaking stock consisting of repurposed wood waste generated during the production of Imabari towels in a unique agent that helps seeds take root, thus overcoming problems related to poor root-taking efficiency seen with standard air-blasting. Because this root-taking agent is made from natural ingredients, it decays over time after planting, leaving no residue behind in the soil. It was patented in 2011 and has seen widespread use, particularly in western Japan.

Daruma Seishisho YK  
 396-2 Shin'ichi, Saijo, Ehime 799-1325 TEL: 0898-66-5057 FAX: 0898-66-5770  
<http://www.daruma-p.com> Founded: May 1956 Capital: 3 M yen President: Masahiro Watamori  
 Employees: 9  
 Businesses: Production and sale of cardboard, design of handmade Japanese paper interior-design panels, weed control, production and sale of agricultural produce Revenue: Non-disclosure

Requ Co., Ltd.

Pulp/paper/  
paper products



**Requ Co., Ltd.**  
1093 Akanma, Uwa-cho, Seiyu,  
Ehime 797-0010  
TEL: 0894-89-1276  
<http://www.requ.jp/>  
Founded: July 2012  
President: Yukari Sato  
Employees: 3  
Businesses: Japanese paper interior  
design, development of Japanese  
paper products, interior design  
Revenue: Non-disclosure

## Spatial design brimming with soothing comfort and potential

This company produces "breathable Japanese paper" by adding zeolites, known for their water molecule and gaseous molecule absorption capabilities, to Paper Mulberry, a primary ingredient in Japanese paper. The company hand-weaves individual strands of twisted paper and creates zeolite-added Paper Mulberry to manufacture products capable of nimbly expressing light and shadow through their thin mulberry strands. These modern-design "breathing Japanese paper" products control humidity levels and reduce odors to create soothing and relaxing interior spaces. The maximum product size is 2,800 mm x 1,500 mm, and all products are made to order with handmade.

## Care & Cure: Innovations in medical and nursing care

Starting out as Toyo Eizai in 1965, the company's main business operations have been in paper diapers for adults. After expanding its secondary business field, medical disposable products, the company changed its name to Livedo Corporation in 2002. The company strives to be a comprehensive medical supplier, supporting people's ability to live through both nursing care and medical treatment.

**Livedo Corporation**  
45-2 Otsu, Handa, Kanada-cho, Shikokuchuo,  
Ehime 799-0122  
TEL: 0896-58-3019 FAX: 0896-58-2570  
<http://www.livedo.jp> Founded: Apr. 1965  
Capital: 773.24785 M yen President & CEO: Masashi Uda  
Employees: 948 Business: Manufacture and sale of adult diapers, medical disposables  
Offices: Shikoku HQ, Osaka HQ, BOs- Tokyo, Yokohama, Sendai, Kanazawa, Nagoya, Hiroshima, Kyushu Revenue: 46 B yen (as of Mar. 2019)



Washi Ishikawa Ltd. co.

Pulp/paper/  
paper products

## Advances in the science behind printer paper



The company president, a true engineer who worked in the product development department of a major manufacturer before moving on to graduate-level studies in mechanical engineering at Stanford University, has developed a large number of groundbreaking office-automation paper products. This president's company is also responsible for a significant number of patents in Japan and abroad. The secret to this company's competitive strength lies in its use of such technical strength combined with tangible advances in order to meet diversifying needs, which stands in stark contrast to the worldwide trend toward rationalization. Responding with precision to minor changes in printer technology and other such approaches have earned the company trust and repeat customers.

**Washi Ishikawa Ltd. co.**  
1583 Shimobun, Kinsei-cho, Shikokuchuo, Ehime 799-0111 TEL: 0896-58-2424 FAX: 0896-58-1256  
Founded: May 1987 Capital: 10 M yen President Junichi Ishikawa Employees: 10  
Businesses: Development and sale of washi (Japanese paper), special paper for OA use, and fi lm cloth Revenue: 160 M yen (as of July 2014)

SHINWA Corporation

Chemicals

## Endless possibilities through utilization of five different technologies

As for a specialized manufacturer of nonwoven fabric, the company has been developing, manufacturing and selling high valued products which have various functionality and technologies such as dry-laying and combines natural fibers, synthetic fibers and assortment of other raw materials.

This company operates in a range of fields including food products and food service to medicine, sanitation, lifestyle-related fields, civil engineering and construction, agriculture and gardening, utilizing an integrated system that covers everything from development to manufacturing, processing and quality control to meet market needs and customer demands.

**SHINWA Corporation**  
249-2 Mendori-cho, Shikokuchuo, Ehime 799-0113  
TEL: 0896-58-1100 FAX: 0896-58-1106 <http://www.shinwacorp.jp> Founded: 1921 Capital: 48.1 M yen President: Kazuhisa Inoue Employees: 265  
Businesses: Development, manufacture and sale of nonwoven fabric products  
Revenue: 9.3 B yen (as of Dec. 2016)



I'm corporation Co., Ltd.

Chemicals

## Solutions born from the customers' needs



Sojikko®, adopting the special triple-layer structured non-woven fabric, was developed based on complaints that said, "The paper refill bags (common types for all makers) are difficult to expand and cannot be used fully." Its materials are soft and flexible enough to fit any cleaner. Then, it surely keeps the dust collection performance without losing suction power. Super Anneal Film, which addresses the shortcoming of shrinkage at high temperatures of PET film that is widely used as industrial and optical materials, has a characteristic to shrink only 0.1% under the condition of high temperature of 150°C for 30 minutes.



**I'm corporation Co., Ltd.**  
2304 Tsune, Doi-cho, Shikokuchuo-shi, Ehime 799-0704 Japan  
TEL: 0896-74-7555 FAX: 0896-74-4501 <https://www.imx.co.jp/> Founded: May, 1960 Capital: 40 M yen President: Kentaro Ishikawa Employees: 120  
Businesses: Cleaning supplies such as paper refill bags for vacuum cleaners, adhesive cleaners, and draining bags, and the development, production and sales of functional film with detachability, low thermal contraction and antistatic functions.  
Revenue: Non-disclosure

Aitec Corporation

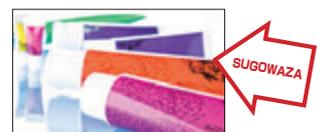
Chemicals

## Integrated production, from printing to filling processes



This comprehensive amenity provider manufactures and sells amenity goods for use in hotels and ryokan (Japanese inns), boasting the top market share in its field. The company's factory features integrated production utilizing the latest equipment to perform a variety of operations, from manufacturing of container products such as laminated tubes and pouches, to printing of product labels, filling processes for cosmetic products, and more.

A wide variety of printing options are available, making it possible to create highly original product containers. Because all operations are performed at the company's own facilities, quick delivery of high-quality products that are safe and reliable is possible, as is production of small-lot orders.



**Aitec Corporation**  
1382 Otsu, Niiya, Ozu, Ehime 795-0071  
TEL: 0893-25-0640 FAX: 0893-25-5764  
<http://www.aitec-dc.com>  
Founded: Aug. 1959  
Capital: 14.81 M yen  
President: Noboru Kubo Employees: 190  
Businesses: Manufacture of cosmetics and quasi-drugs, etc.  
Offices: 3 factories in Ozu, 1 factory in Uchiko-cho, Ehime Pref.  
Revenue: Sales: Available on the website

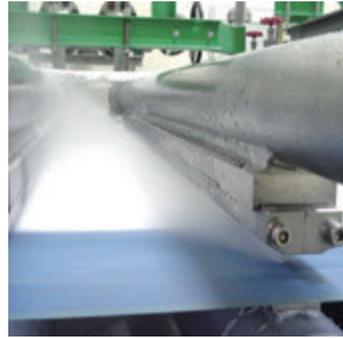
# SUGO WAZA

Marusan Industry Co., Ltd.

No.1 Japan

Chemicals

## Developing original textile-related technologies



This manufacturer imports raw cotton from around the world, processes it into cotton products and sells it. In the field of raw fabrics, Marusan Industry was the first in Japan to develop technology to manufacture "Miracle Cotton," wherein water jets are used on 100% pure cotton for unique intermingling to produce no-binder gauze-type spun-lace nonwoven material.

Marusan Industry also manufactures and sells cosmetic cotton pads as well as cotton swabs, wet wipes, tea bags and other general cotton products.

Marusan Industry Co., Ltd.

1349 Tokumori, Ozu, Ehime 795-8508  
TEL: 0893-25-5131 FAX: 0893-59-4013

http://www.marusan-sangyo.co.jp  
Founded: Oct. 1948 Capital: 290 M yen  
President & CEO: Motohiro Kikuchi Employees: 420  
Businesses: Manufacture and sale of bleached cotton, non-woven cotton fabric, dressing cotton material, absorbent cotton, alcohol cotton, etc.  
Offices: Tokyo, Osaka, Nagoya, Fukuoka  
Revenue: 12.9 B yen (as of Feb. 2016)



HONDA YOKO Co.,LTD

Chemicals

## Wipe off stains from the scalp thoroughly without using water



Glove-Type Shampoo, a glove-shaped wet sheet, can wipe and clean the scalp thoroughly from the hair roots without using water. Due to the soft medical solution containing no alcohol and it's pursued fresh and clean feeling, even infants and the elderly with sensitive skin can use it without worry.

Because of its symmetrical shape, both sides of a glove can be used thoroughly. It is useful in various situations including nursing, care taking in a hospital, disaster relief, or as emergency supplies as well as after sports or outdoor activities.

HONDA YOKO Co.,LTD

928-1 Kinseichoshimobun, Shikokuchuo, Ehime 799-0111

TEL: 0896-58-2412 FAX: 0896-58-3962 Founded: Nov. 1948

Capital: 10 M yen President: Tatsuo Tanabe

Employees: 51 Businesses: Wholesale of pulp, chemicals and non-woven fabric,

plastic molding, lamination, and processing of non-woven fabric, etc.

Revenue: 3.2 B yen (as of Dec. 2016)



Fukusuke Kogyo co., Ltd.

No.1 Japan

Plastic products

## Age of ecology - shopping bags made from sugarcane



Fukusuke Kogyo is an industry leader as a manufacturer of soft packaging materials in 6 areas (synthetic resin products, laminate products, food containers, paper products, non-woven fabric products, and hybrid products). They are especially proud of holding the top market share in shopping bag production in Japan.

Among their products, "Bio-Lefin H" shopping bags introduced to the market in 2011 are especially noteworthy for using molasses from sugarcane (a byproduct of refinement) as their main ingredient. Compared with conventional shopping bags, their appearance and strength do not differ. Yet, they emit up to 65% less CO2 and can greatly promote less dependent on oil.

Fukusuke Kogyo co., Ltd.

190 Muramatsu-cho Shikokuchuo, Ehime 799-0495

TEL: 0896-24-1111 FAX: 0896-23-8745

http://www.fukusuke-kogyo.co.jp

Founded: Apr. 1949 Capital: 400 M yen

President: Jiro Inoue Employees: 1,012

Businesses: Manufacture and sale of soft packaging materials Offices: (Branch Office) Tokyo, Nagoya, Osaka, Kyusyu, Industrial Material Sales Department, (Business Office) Sendai, Saitama, Yokohama, Shizuoka, Hiroshima, and Shikoku, Factories: HQ, Saitama, Mie, Umaji, Inokubo, Tsune, Doi, Sekikawa, Laminate, Niihama, Oita, Kyushu, Toyooka, Shanghai (China), and Indonesia  
Revenue: 105.9 B yen (as of Mar. 2018)

NISSEN Chemitec Co., Ltd.

Plastic products

## Micromachining for LCD backlights

NISSEN Chemitec has developed business operations in four different fields: parts, including automotive parts, LCDs and metal molds; information and electronics, including chemical product materials and packaging for semiconductors and LCDs; original products, including film and sheets; and contractor business, including plastic compounding.

The company's backlight technology, which involves installation of LEDs, precise surface micromachining, and emission of light results in thin-profile, lightweight, high-luminance, low-energy-consumption products that have garnered praise even within the industry. The company was awarded the Prize for Excellence at the 2nd Japan Manufacturing Awards for its low-pressure injection press-forming technology.



NISSEN Chemitec Co., Ltd.

2-4-34 Nishibara-cho, Niihama, Ehime 792-8584 TEL: 0897-33-4171

FAX: 0897-32-8978 http://www.nissen-chem.jp Founded: July. 1957

Capital: 450 M yen President: Toru Ichimiya Employees: 323

Businesses:Automobile parts (manufacture and sale of processed plastic automotive interior/exterior parts and molds), customization (manufacture and sale of electronic components, sanitary goods, leisure goods and molds), electronics (sale of electronic component materials, high-purity chemicals, etc.), Optical parts(manufacture and sales of light guiding panel, back light unit) contractor operations (various types of resin compounding, etc.) Offices:Ehime, Tokyo, Osaka, Chiba, Saitama, Mie, Shiga, and others Revenue: 30.4 B yen (as of Jan.2019)



Okamoto Kasei Co., Ltd.

Plastic products

## Pioneering eco-ties and other tape products



Founder Shigetoshi Okamoto was the first in the world to develop a method for manufacturing tape yarn using tube-shaped film in 1960. Since then, Okamoto Kasei has established its products throughout the country as a pioneer in stretch tape yarn made with synthetic resin.

"Eco-Desu-Tai," the company's most recently developed, modern-style twist-binding product is made with a biodegradable, resinous material and does not use any metallic material, meaning that it will not trigger metal detectors and can also be reused. The company creates one new product after the next based on new ideas, including the only electrical wire tape in Japan and bands for semiconductor trays.

Okamoto Kasei Co., Ltd.

3-4-15 Gion-cho, Imabari, Ehime 794-0804 TEL: 0898-23-2300 FAX: 0898-23-5337

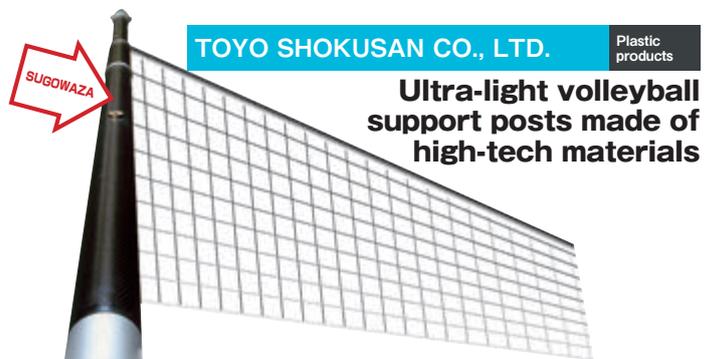
http://www.okamoto-kasei.co.jp Founded: Apr. 1972 Capital: 15 M yen President: Takeyoshi Okamoto

Employees: 55 Businesses: Manufacture of various ribbons, packing tape/bands, tapes for communication cables, and other plastic products such as polyethylene bags. Revenue: 650 M yen (as of Mar. 2016)

TOYO SHOKUSAN CO., LTD.

Plastic products

## Ultra-light volleyball support posts made of high-tech materials



Until now, volleyball posts have been heavy and difficult to move. Through independent research and development efforts, this company has utilized Toray carbon fiber material to develop revolutionary, lightweight volleyball support posts with only one-third the weight of steel posts, enabling safe transport and installation while achieving outstanding durability.

The company also offers products that make use of CFRPs, corrosion-resistant structural components, and various other parts suited to a range of different needs.

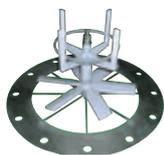
TOYO SHOKUSAN CO., LTD.

1515 Tsutsui, Masaki-cho, Iyo-gun, Ehime 791-3191 Toray Ehime Plant

TEL: 089-984-0079 FAX: 089-984-5863 http://www.toyoshokusan.co.jp/

Founded: Jun. 1975 Capital: 10 M yen President: Yasuhiro Kashiwagi Employees: 260

Businesses: Manufacture of plastic products Revenue: 2.1 B yen



## Top in Shikoku for industrial plate processing quantities



Recent days have seen increasing demand for semiconductor washing, resin treatment and other such operations. Morishita Industrial Corporation makes full use of know-how accumulated in industrial plastic processing to respond to the needs of the times using integrated technologies, and they handle cutting, machining, attachment, welding and pipe-laying for all products, big or small. Their products have received much praise for their achievement of both strength and aesthetic appeal. The company's independently developed technologies support these operations, shining through in their jigs, tools and other technologies utilized to alter workpiece angles. In the future, they intend to expand further into water treatment, recycling (of metals) and other fields.

Morishita Industrial Corporation

242 Ko, Furukawa, Saijo, Ehime 793-0044 TEL: 0897-56-5371 FAX: 0897-56-1787  
<http://www.pla-morishita.co.jp> Founded: Jan. 1970 Capital: 23 M yen President: Yuichi Morishita  
 Employees: 16 Businesses: Industrial plastic product processing, standard plumbing work  
 Revenue: 200 M yen (as of Apr. 2014)

## Leveraging proprietary technology to develop precision rubber parts



Takechi aims to expand the potential of rubber by manufacturing precision rubber parts that can be used in a variety of industrial fields. In particular, the company has one of the top domestic market shares in gaskets for electric refrigerators. They were the first to develop building gaskets for outer-wall use, and their products are currently used in the Roppongi Hills Building, Tokyo Dome, and even skyscrapers located outside of Japan. In addition to high-performance precision rubber products, Takechi manufactures high-performance plastic parts in an effort to serve as a provider of fine mechanical engineering rubbers and plastics. In particular, the company's plastic magnets, which are used in in-car rotation sensors, boast a high market share due to the highly evaluated forming dimensions and the accuracy of magnetization.



TAKECHI Co., Ltd.

936 Ko, Nakano-machi, Matsuyama, Ehime 791-1121  
 TEL: 089-963-1323 FAX: 089-963-4485 <http://www.takechi.co.jp> Founded: Mar. 1957 Capital: 100 M yen President: Yasuhiro Shigematsu Employees: 296 Businesses: Manufacture of plastic and rubber products Offices: Suita HQ, Tokyo BO Factories: Matsuyama, Tobe, Iyo, Karakawa, Oda, Kanagata, Tanahara and Ibaragi Revenue: 4,294 B yen (as of July 2019)

## Configuring Systems that Can Respond to Emergency Situations



Orders related to our core business, packing / gasket manufacturing, can be shipped on the same day if it is made by 5 pm. All of our computers have CAD installed, and our employees form a data network connecting all of our processing machines.

We are well equipped with a mold manufacturing machine, single-shot press, continuous press, automatic cutter, and waterjet cutter, so we can deliver single items to large batches. We have a processing system and delivery system that can manufacture items in 15 minutes allowing uninterrupted business for our customers.



Justin Co., Ltd.

3125-3 Kawanocho, Shikokuchuo, Ehime 799-0101  
 TEL: 0896-58-4455 FAX: 0896-58-7867 <http://justin.jp>  
 Founded: March 1960 Capital: 80 M yen  
 President: Shuji Oida Employees: 100 Business: Design, manufacturing, installment, and sales of industrial products Locations: Kanonji (office), Takamatsu, Sakaide, Tokushima, Kochi, Matsuyama, Imabari, Saijo, Mihara, Gifu, Osaka, Tokyo (business office) Revenue: 3.25 B yen (as of Dec. 2018)

## Light, easy, and earthquake-resistant roof tile construction method



eeBOX, Earthquake-resistant Box Ridge, has been developed by TAISHIN. TAISHIN has tackled the challenges of earthquake-resistant methods of roofing for Japanese architecture since the Great Hanshin-Awaji Earthquake. Strength and durability have been ensured by removing soil and daub used in the conventional ridge and fixing the tiles directly with screws on the wooden or resin box. More than 30 earthquake-resistant box ridges of eeBOX, which we developed after pursuing the low-cost and easy construction method, were constructed after the Kumamoto Earthquake in 2016. It has gathered attention as an indispensable technique in an earthquake-prone country, Japan.

TAISHIN Co., Ltd

1465-3 Shimoshimayama, Saijo, Ehime 793-0006  
 TEL: 0897-58-2746 FAX: 0897-58-2747 Founded: Oct. 1986  
 Capital: 1 M yen President: Masahiro Sogame Employees: 5  
 Businesses: Production and construction of tiled roof seismic systems  
 Revenue: Non-disclosure

## Beautiful cuts with thin grinding wheels



NIHON-DISK IND. handles thin grinding wheels which can cut pipes made from difficult-to-machine metals (iron, stainless steel, tungsten, molybdenum, inconel, etc.), solid wood and other materials with precision while maintaining a smooth cutting surface. The company can also cut thin items with grinding wheels, which is essential in the manufacture of injection needles, industrial piping, electronic parts, etc.

Furthermore, the company has also developed an automated precision cutting machine to enable accurate cutting of metal on a mass-production scale. This device has become indispensable in the manufacture of various types of industrial piping, injection needles and other products.

NIHON-DISK IND. CO., LTD.

1833-1 Ko, Fukutake, Saijo, Ehime 793-0035 TEL: 0897-55-3299 FAX: 0897-55-3918  
<http://www.nihon-disk.com> Founded: May 1945 Capital: 12 M yen Company President: Hiroyoshi Terada Employees: 20 Businesses: Manufacture and sale of precision-cutting grind stones and automated precision-cutting machines Revenue: Non-disclosure

## Protecting your living environment through wall-finishing materials



This integrated wall-finishing material manufacturer handles everything from development to sales for exterior and interior building finishing materials. The company's high-quality, unique wall-finishing materials which is invented by the research and development department, were created in following with the company philosophy, "beautiful and peaceful spaces where people can live and be at peace."

The diatomite "Siltouch" wall finish coating is made without volatile organic solvents, and helps control room humidity and temperature and adsorbs foul odors and toxic substances while providing countermeasures against sick building syndrome and other such problems. The company's products have garnered high praise in Japan and abroad for their high quality and design appeal.

Fujiwara Chemical Co., Ltd.

94 Oshinden, Saijo, Ehime 799-1342  
 TEL: 0898-64-2421 FAX: 0898-64-4034  
<https://www.fujiwara-chemical.co.jp>  
 Founded: Dec. 1967 Capital: 93 M yen  
 President: Yasumitsu Akaoka Employees: 160  
 Businesses: Development and manufacture of finishing compounds for interior/exterior walls Offices: Sendai, Niigata, Kanto, Shizuoka, Nagoya, Osaka, Hiroshima, Shikoku, Fukuoka, Gifu  
 Revenue: Non-disclosure

## A gathering of technical masters to create a manufacturing base in the industrial city of Niihama

Based on high-tech experience which was gathered as "Sumitomo's corporate castle town", this advanced group of manufacturers has achieved solid progress, expanding facilities and utilizing independent development for technologies related to plate work fabrication, piping, machining, etc. In 1988, in a spirit of mutual support, ironworks in the Niihama area came together to form the current organization, which was actively showcasing products in national mechanical technology exhibitions. Currently (as of April 2016), 79 companies are participating. By striving to pass down manufacturing skills and techniques, carry out independent product development and obtain advanced technologies, the organization's facilities act as a base for cultivating more skillful human resources.

### Niihama Machinery Industry Co-Op

1-5-50 Ashima, Niihama, Ehime 792-0896  
 TEL: 0897-47-6230 FAX: 0897-47-6231 <http://www.kisan.jp>  
 Founded: May 1988 Capital: 7.8 M yen  
 President: Koichi Hagio Employees: 3  
 Businesses: Sales promotion, joint procurement and training for union members Revenue: 56.4 B yen (as of July 2017)



## A lineup of richly unique casting products

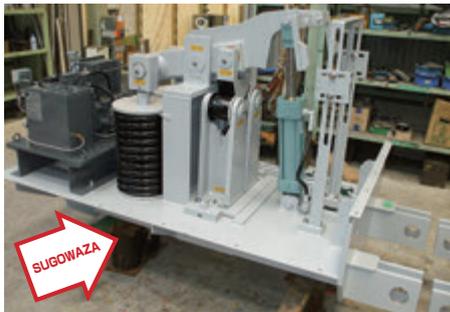
The companies belonging to this organization produce a variety of casting products ranging from large items to mass production of small items, and they are capable of accurately introducing customers to suitable products and technologies in response to any inquiry. The organization prepares fundamental elements for manufacturing operations, such as power receiving equipment, water supply and testing equipment for compressor facilities, which reduces each company's costs. The organization has business dealings with major manufacturers all over Japan, and the complex as a whole accounts for 70% of Shikoku's casting production volume. Quality control is carried out using a two-part system, which involves elemental analysis of molten metal and inspection of finished products.

### Co-op for Ehime Pig Iron and Casting Industrial Complex

1016 Tanouwagata, Tanbara-cho, Saijo, Ehime 791-0522  
 TEL: 0898-68-6066 FAX: 0898-68-7984  
<http://www.e-iron.or.jp> Founded: July 1972  
 Capital: 74.26 M yen President: Umon Okame  
 Employees: 310 Businesses: Casting parts of various industrial machines including construction machines, agricultural machines, and vehicles  
 Revenue: 651.5 M yen (as of Mar. 2016)



## Genuine made-in-Japan traveling equipment for large cranes



Aishin Ironworks carries out in-house manufacturing/welding, machining, assembly and trial operations, via an integrated production system, for traveling equipment and related components used by shipbuilders' goliath cranes and jib cranes, ladle cranes employed at leading Japanese steelmakers, and other large industrial cranes.

In order to ensure safety and high quality, many customers request that traveling gear, rail clamps, spreaders and other important equipment and components be made domestically in Japan. Aishin Ironworks makes sure to meet all customer needs, leveraging the strengths of their fully integrated production system in operations ranging from material procurement to finishing processes.

### Aishin Ironworks Co., Ltd.

12-50 Shimizu-cho, Niihama, Ehime 792-0861  
 TEL: 0897-33-7070 FAX: 0897-32-2320 <http://www.aishin-web.jp>  
 Founded: Apr. 1940 Capital: 10 M yen President: Hiroshi Katza  
 Employees: 35 Businesses: Plant design and maintenance, manufacture of conveyance and transport equipment, machining, unit assembly finishing Revenue: 510 M yen (as of Jan. 2017)



## Highest production volume in Shikoku

Among products manufactured by this company, 80% are important safety-related parts used in reducers, actuators and other portions of construction equipment, agricultural machinery, etc. These high-precision, sturdy products made using tough, processed materials are highly acclaimed for their safeness, reliability, and durability.

The company uses its core molding technology to produce thin or thick products, even in difficult shapes, with a maximum metal mold size of 900 x 600 mm. Improved green sand casting technology makes mass production possible, and stable manufacturing of high-quality products is achieved by utilizing a medium-volume production system for medium-sized components.



### Ochi Foundry, Inc.

1016 Tanouwagata, Tanbara-cho, Saijo, Ehime 791-0522  
 TEL: 0898-68-7305 FAX: 0898-68-7466  
<http://www.ochichuzosho.com> Founded: Aug. 1948 Capital: 90 M yen President: Masaru Ochi  
 Employees: 92 Businesses: Manufacture and sale of pig iron products and case metal products  
 Offices: Nagoya BO Revenue: 2,584.12 M yen (as of Feb. 2014)

## Focused on the processing of copper alloy

Copper alloy is an excellent material for sliding components that rarely causes scorch, and it is used in liners, bearings (bushing), etc. The DZ400 developed by Dozen Kogyo features a bronze cast base with nickel and aluminum content adjusted as needed.

In addition, the company's special aluminum-bronze cast alloys with added elements are excellent high-temperature, wear-resistant materials that fulfill the tensile strength target of 600 N/mm<sup>2</sup> or higher, Brinell hardness target of 210 HB or higher, and extension rate target of 3.0% or more.

### Dozen Kogyo Co., Ltd.

377 Ubagabashi (姥ヶ橋), Naranoki, Saijo, Ehime 793-0065  
 TEL: 0897-57-9083  
 FAX: 0897-57-7604 <http://www.dozen.co.jp>  
 Founded: Feb. 1967 Capital: 10 M yen  
 President: Ryuta Manabe Employees: 16  
 Businesses: Manufacture of bronze alloy cast metal, machine processing Revenue: 360 M yen (as of Jan. 2017)



## Striving to fulfill our slogan, "We Make Safety"

This company developed the "Safety Bolt" (NETIS-registered product) in response to the cases of vulnerable road users injured by metal fragments on guardrails. Its unique shape is not found anywhere else in Japan, and it is widely encouraged to be utilized in other industrial fields. In addition, the company's "Safety Wall" water-filled shock-absorbing safety barriers, which protect people from major accidents, are used throughout Japan (see lower photo).

In order to create a safe and secure living environment, the company aims to provide groundbreaking products throughout the country based on original ideas.

### RS Company Ltd.

840-1 Ko, Engi, Imabari, Ehime 794-0084  
 TEL: 0898-31-8851 FAX: 0898-31-8801  
<http://www.shikokuright.co.jp/product/safetybolt.html>  
 Founded: June 2002 Capital: 5 M yen  
 President: Masayuki Kanmura Employees: 2  
 Businesses: Sale of road traffic safety goods and civil engineering/construction materials  
 Revenue: Non-disclosure



# SUGO WAZA



SUGOWAZA

Ono Ironworks Co., Ltd. Metal products

## Winding Drum: Integrated manufacturing, from processing to coating

Of all the winding drum manufacturers in Japan, only Ono Ironworks has established a complete integrated manufacturing process, from making wound pipes, welding can barrels, heat treatment, grooving and finishing, to coating. We possess one of the largest bending roller equipment in the nation, and can produce large-size pipes of 40mm in thickness and 3-4m in length. Only made by a few manufacturers in Japan, Lebus drums receive attention for their higher-than-normal suspending capacity, made possible by layering and winding, and for their size and weight reducing technology.

**Ono Ironworks Co., Ltd.**  
6-6-43 Takihama, Niihama, Ehime 792-0893  
TEL: 0897-46-0311 FAX: 0897-46-0339  
Founded: Sept. 1962 Capital: 10 M yen President: Yuji Ono  
Employees: 20 Businesses: Manufacture of various types of cranes, transporting machines, rolls, drums, and environmental equipment  
Revenue: Non-disclosure



ODA Engineering Co., Ltd. Metal products

## Ultra-precision mold making technology that handles everything from planning to mass production

ODA Engineering not only specializes in the total planning of metal and plastic products whose manufacture requires ultra-precision mold making technology, but also provides an "all-in-one" service, tailored to fit the customers' specific product plan, that ranges from the design and manufacture of prototypes to the mass production of molds. The company's workers employ a technology with an accuracy of ±1μ, and its equipment has the ability to engrave or drill into cemented carbide. The company also boasts an excellent track record of having delivered more than 1,000 items to Japan's leading manufacturers of automobiles, camera-equipped medical devices, etc.



SUGOWAZA

**ODA Engineering Co., Ltd.**  
805-1 Tanokubo, Toon, Ehime 791-0212 TEL: 089-964-3021 FAX: 089-964-1016  
Founded: Jan. 1985 Capital: 10 M yen President: Kazuhito Watanabe Employees: 11  
Businesses: Design and manufacture of precision molds; design and manufacture of metal/plastic prototypes; design and manufacturing of jigs and tools; product planning, manufacturing, and sales  
Revenue: Non-disclosure

Ehime Boring Kiko Co., Ltd. Metal products

## Following their dreams through boring for half of a century

Boring as a part of shipbuilding operations requires extremely high precision, and Ehime Boring Kiko works on ship stern sections, which determine the vessel's propulsion and direction of movement. During bore cutting for propeller shafts, steering shafts and other sections, this company's independently developed technologies increase the amount of cutting per turn of the cutting tool by two times compared with standard equipment. In addition, the company also develops and installs groundbreaking controllers that facilitate easy adjustment of cutting tool rotation speed to match boring diameter, materials and conditions. By making use of this equipment as well as know-how cultivated by the company over many years, work time reductions of approximately 30% can be achieved.

**Ehime Boring Kiko Co., Ltd.**  
2-6 Creative hills, Imabari, Ehime 794-0109  
TEL: 0898-55-4453 FAX: 0898-55-4457 Founded: Dec. 1970  
Capital: 10 M yen President: Fumi Okabe Employees: 19  
Businesses: Boring for stern-section propeller shafts and steering shafts in shipbuilding, bush machining, ZP stationary pedestal face, Crane-post pedestal face, machine processing Revenue: Non-disclosure



SUGOWAZA

Ogasawara Industrial Company Only one Japan Metal products

## Large Drinking Water Storage Tank with Three Functions in One

The drinking water storage tank "Megapot" allows for long-term storage of sanitary water without a maintenance fee. This combines the features of drinking water storage with fireproofing water tank and emergency electric power source features, and can secure safe water for 24 hours 365 days. This is a tower type tank that can be installed compactly, has a simple structure, and can easily intake water. Instead of using chlorine, it uses sunlight and wind to power ultraviolet light that sterilizes the tank. The plug installed in the control board can also supply electricity, so it can be used as an emergency power source. It is a product with high hopes for disaster control.

**Ogasawara Industrial Company**  
5-10-3 Kukodori, Matsuyama, Ehime 791-0054  
TEL: 089-972-0043 FAX: 089-973-5404  
Founded: Sep. 1966 Capital: 30 M yen  
President: Hideyuki Ogasawara Employees: 23  
Businesses: Production of plate tanks and steel frames; stainless tanks (water receiving tanks, fire cisterns, etc.), oil tanks (underground oil tanks, fuel service tanks, etc.), other plate works (flues, headers, etc.), and sales of gas equipment, gas, and high-pressure gas  
Revenue: 480 M yen (as of Sep. 2016) <http://www.ogasawara-k.com>



SUGOWAZA

ABE IRON WORKS LTD. Metal products

## Blazing new trails with unique "Hebi-kon" and "Oh Come Back" products

This company's "Oh Come Back" waste-plastic petrochemical equipment utilizes induction heating for thermal decomposition of plastics and other petroleum products that are normally disposed of or used as land fill. This revolutionary, environmentally friendly technology enables extraction of heavy oils, light oils and other liquid fuels. In addition, their "Hebi-kon" U-shaped curving trough conveyor can be used for handling earth and gravel along narrow, winding roads, mountain streams and other places where conventional belt conveyor use is not possible. Extending and steep downhill conveyors are also available.



**ABE IRON WORKS LTD.**  
2260-4 Minamigata, Toon, Ehime 791-0301  
TEL: 089-966-4596 FAX: 089-966-4842  
Founded: 1968 President: Yoshihiro Abe  
Employees: 20 Businesses: Manufacture of U-shaped curving trough conveyors, extending conveyors, steep downhill conveyors, waste-plastic petrochemical equipment, etc.  
Revenue: Non-disclosure



SUGOWAZA

Kurita Inc. Metal products



SUGOWAZA

## Enabling trial production of castings without the use of molds

This company provides casting and machine work testing as well as mass production services, and manufactures a wide range of reliable, strong cast iron parts for hydraulic and pneumatic equipment, construction machinery, electric motors, and more. Using cutting-edge casting equipment that is both high-speed and labor-saving, the company operates an integrated production framework in which product material quality is carefully controlled and guaranteed, and all operations up through heat treatment can be performed. Trial casting through rapid prototyping without the need for wood or metal molds can be carried out quickly and with precision. Operations are not limited to cast iron—even copper alloy can be used.

**Kurita Inc.**  
1-1 Minato, Saijo, Ehime 793-0046 TEL: 0897-56-2016 FAX: 0897-56-5001 <http://www.kurita-cast.co.jp>  
Founded: Sept. 1949 Capital: 24 M yen President: Yoichi Kurita Employees: 45  
Businesses: Manufacture and sale of cast metal parts for transport and industrial machines Revenue: 1.1 B yen (as of Sep. 2016)

KOS21 Company Limited.

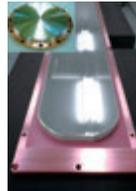
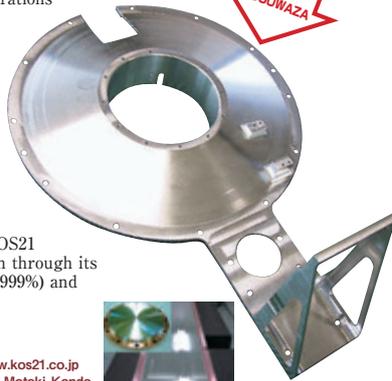
Metal products

## Dream processing, aiming for the cosmos by high-precision

With a central focus on aluminum material, KOS21 undertakes high-precision machining operations in a thermostatic chamber to provide IT products, semiconductors, medical products, machinery and machine parts, and assembled units. The company carries out consignment production through [machining of aluminum sputtering targets for Sumitomo Chemical, which accounts for the top market share in Japan.](#) This company has also attracted attention for its space-science-field parts, which meet the field's demand for lightweight, high-precision design. KOS21 boasts high technical capabilities, as seen through its machining of high-purity aluminum (99.9999%) and magnesium alloys, etc.

KOS21 Company Limited.

2-25 Minato-machi, Niihama, Ehime 792-0016  
TEL: 0897-33-0888 FAX: 0897-37-0760 <http://www.kos21.co.jp>  
Founded: Feb. 1964 Capital: 42 M yen President: Motoki Kondo  
Employees: 157 Businesses: Manufacture of aluminum sputtering targets, space-related precision work parts, semi-conductor production device parts, cyclone-decelerating machine parts, electric control panels/instrument panels Offices: Saijo, Niihama, Nagoya Revenue: 3.36 B yen (as of Sept. 2016)



Kurita Foundry Co., Ltd.

Metal products

## If you're looking for durability, leave it to us

This company's core FCAD900, FCAD1000 and FCAD1200 high-quality materials have low phosphorous, manganese and sulfur content and high coefficients of extension. They also feature extremely high hardness levels, wear resistance and cutting performance, and make more lightweight product design possible. It is said that materials with Brinell hardness of 320 HB or higher are too difficult to cut, but FCAD1200 has very high cutting performance. The company's overhead-wire metal fittings for high-voltage transmission lines boast the top market share in Japan, and the company is also skilled at producing metal fittings for seismic strengthening, bend pipes for high-pressure fire engines, and [other products requiring long-term, reliable strength.](#)



Kurita Foundry Co., Ltd.

1016 Tanoumagata, Tanbara-cho, Saijo, Ehime 791-0522 TEL: 0898-68-7037 FAX: 0898-68-4891  
Founded: Sept. 1872 Capital: 50 M yen President: Koichi Kurita  
Employees: 72 Businesses: Iron-based molded articles Revenue: 1.4 B yen (as of June 2016)



COSMO SEIKI INC. No.1 Japan Metal products

## Developer of a world-first darts flight system

This company has the facilities and technology to handle everything from mold planning and design to mass production to meet the demand for extremely high-precision small plastic products, which are used for optical equipments, precision medical device parts for such as catheters, dialyzers etc.

Starting in 2008, the company began manufacturing dart parts, and later developed the world's first high-performance darts flight system. [Their plastic flight products account for 60% of the domestic market share,](#) and they have developed a diverse product lineup that rivals that of other companies. Aside from users in Japan, professional darts players worldwide as well as casual players use these products regularly.



COSMO SEIKI INC.

1470-5 Ko, Sunouchi, Toon, Ehime 791-0031  
TEL: 089-960-6366 FAX: 089-960-6388  
<http://www.c-cosmo.co.jp/pc/>  
Founded: Feb. 1991  
Capital: 27 M yen  
President: Masahiro Matsubara  
Employees: 30  
Businesses: Manufacture of darts arrows, processing of metal molds, plastic molds Revenue: 580 M yen (as of Aug. 2016)



Sasaki Manufacturing Industry Co.

Metal products

## Plate Processing/Welding Technology of High Precision and High Tension Steel

From small products of only several centimeters to large ones with over 10 meters, the company can perform integrated production including cutting, welding, processing, assembling, and finish coating through processing, precision sheet metal working, and laser cutting. [The company performs highly difficult and risky precision plate processing techniques](#) including: from 9 to 80 mm and approximately 10 m long [large plate welding with ±5mm or less horizontal distortion using high tension steel \(HITEN 780\)](#); welding high tension steel (HITEN 590) and different metals without distortions; and producing very precise (within ± 0.1mm) box shaped frames.



Sasaki Manufacturing Industry Co.

9-22 Isouracho, Niihama, Ehime 792-0002  
TEL: 0897-37-3556 FAX: 0897-32-3820 Founded: Jan. 1970 Capital: 10 M yen  
President: Kayo Akita Employees: 23 Businesses: Plate processing, plumbing (high and low pressure), and production of general industrial machinery, plate processing, machine processing, assembly, plumbing and installation of general machinery, welding of copper, aluminum, stainless steel, and high tension steel, NC slicing processing Revenue: 320 M yen (as of Mar. 2015)  
<http://www.sagumi.com>



Ken Matsuura Racing Services Co., Ltd. No.1 Japan Metal products

## Product creations that make use of advance know-how

This company has [high-quality manufacturing operations](#) utilizes firmly grounded technical capabilities and experience cultivated through work in the world of motor sports in its [high-precision](#). Its thorough, [advanced development approach for parts includes everything from design to analysis, trial production, assembly, testing and mass production.](#)

In response to customer demand for micron-level precision in product manufacturing, the head office is uniquely constructed in a way that makes it appear to be partially buried under the earth. This type of layout enables creation of a constant-temperature and -humidity operating environment and cutting-edge facilities for the manufacture of highly reliable products.



Ken Matsuura Racing Services Co., Ltd.

1035-10 Nakanishimoto, Matsuyama, Ehime 799-2425 TEL: 089-992-0706 FAX: 089-992-3615  
Founded: Jan. 1964 Capital: 20 M yen President: Kenta Matsuura Employees: 34  
Businesses: Manufacture of metal articles Offices: Gotenba Factory Revenue: Non-disclosure

Suntechno Kuga Co., Ltd. No.1 Japan Metal products

## Masterful skills stemming from ideas in pursuit of effortless operations

Suntechno Kuga has developed a range of unique and popular products that [mimic the skills of masterful artisans](#), including a blowfish skin-removal machine, dagger-tooth pike conger (eel) bone chopping machine, blowfish slicing machine for making sashimi, far-infrared low-temperature drying machine, citrus fruit skin remover that removes the fruit's bitter outer peel and peel oils, and others. Their far-infrared low-temperature drying device utilizes electromagnetic (far-infrared) radiation [to prevent cell rupturing while increasing the savory flavor of foods and achieving full-bodied results](#) by quickly removing moisture content.

The company's products have received much praise in applications including slicing blowfish for sashimi, removing moisture content from fish, making fruit sauces and so forth.

Suntechno Kuga Co., Ltd.

3-14-52 Sakai-cho, Niihama, Ehime 792-0812  
TEL: 0897-44-5187 FAX: 0897-44-5182  
<http://www.suntechno-kuga.co.jp> Founded: Aug. 2004  
Capital: 3 M yen President: Takaaki Kuga Employees: 3 Businesses: Teasing devices for blowfish skin, oyster shell cleaning devices, fish scale removers, sashimi slicers, bone-cutting devices  
Revenue: Non-disclosure



## Precision Sheet Metal Processing for Stainless Steel



Taishin specializes in high quality and high precision thin sheet metal processing. We provide a one stop production system from design to manufacturing including machine parts production, assembly for food equipment, weight checker, seafood processing machine, etc.

We own a fiber laser welding machine for trial production and small lot welding. Our strengths are in: "strong welding, achieving high strength; close contact welding with perfection; and

"clean welding" good for sterilization. We can cater to your needs flexibly from production based on a diagram, planning to production, trial production, and mass production.



### Taishin Stainless, Y.K.

6-5-8 Takihama, Niihama, Ehime 792-0893  
TEL: 0897-46-2388 FAX: 0897-46-1239  
<http://www8.tiki.ne.jp/~taishin/taishin/>  
Founded: 1968 Capital: 3 M yen President: Shizuka Sakai  
Employees: 13 Business: Stainless steel processing, production of food equipment and general industrial machine components  
Revenue: Non-disclosure

## Aluminum Casting Pot with Even Heating and Deformation Resistance



Aluminum pots produced through aluminum gravity casting are regarded highly as a cooking utensil with high added value due to its low uneven heating and resistance to deformation. This is made possible through pouring aluminum alloys one at a time into the mold using gravity, which produces aluminum pots with bases that have even crystal structures.

Our electromagnetic cooker supported product (Patent No. 3890336) includes our uniquely developed magnetic stainless disc on the bottom surface joined by monobloc casting; this prevents deformation at the bottom surface and achieves efficient heating and high durability. The product supports any kind of heat sources in addition to electromagnetic cookers.



### Daiya Alumi Co., Ltd.

1873 Shimoagawa, Iyo, Ehime 799-3111  
TEL: 089-982-8810 FAX: 089-982-8815 <http://www.daiyaalumi.co.jp>  
Founded: April 1955 Capital: 70 M yen President: Akira Kanamori  
Employees: 50 Business: Production / sales of Household aluminum products (frying pan / pot), production / installation of aluminum fitting  
Revenue: Non-disclosure

## Flood of Orders from Japan and Abroad for Titanium Welding



Daitec owns welding technology for special materials such as titanium, hastelloy, zirconium, etc. used in food, medicine, and pipes in chip foundries due to their resistance to corrosion and rust. Sturdy and high-quality welding is made possible by our uniquely developed special welding jig that prevents oxidization of the welded area.

Daitec can provide one stop service from designing the production line to can manufacturing, piping, pickling, and installation validation by cooperating with local companies.

In addition, we conduct research and development regarding quality assurance for titanium welding with Ehime University to further improve our skills.



### Daitec Co., Ltd.

4624 Kitashinchi, Minato, Saijo, Ehime 793-0046  
TEL: 0897-53-0458 FAX: 0897-47-3988 <http://www.daitec-co.com>  
Founded: October 2003 Capital: 25 M yen President: Daigo Shimizu  
Employees: 40 Business: Titanium welding / processing, hastelloy welding / processing, sanitary piping, vacuum piping, high pressure piping, plant piping, etc.  
Revenue: Non-disclosure

## When it comes to large-size mechanical parts and ultra-thick plate welding, leave it to Shiozaki!

Shiozaki specializes in the welding of thick plates and manufacturing of large-size parts, and possesses the technology and facilities that enable the processing of large-scale parts of up to 20t. The factory also handles the tundish of ironworks that demands heat-resistance and durability, as well as proton radiation equipment and other parts for state-of-the-art cancer treatment's rotating gantry that requires a high degree of precision and rigidity. Additionally, the factory has acquired a manufacturing license for 30t+30t hoist type cranes, and has the capability to manage the design, on-site assembly, inspection/operation check, and shipping of large-size cranes utilized at large worksites.



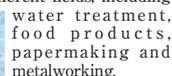
### Shiozaki Seisakusho Co., Ltd.

1-18-20 Shinden-cho, Niihama, Ehime 792-0003  
TEL: 0897-33-8623 FAX: 0897-37-1788  
Founded: June 1957 Capital: 3 M yen  
President: Takashi Shiozaki Employees: 17  
Businesses: Manufacture of various types of industrial machinery, environmental devices, and tanks/covers; plumbing/ installation work; general manufacture of canned goods Offices: 2nd Factory  
Revenue: Nondisclosure

## Clog-free filters that don't require cleaning

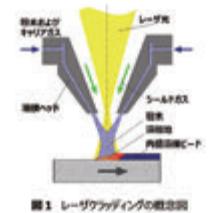
Liquids are injected into these cylindrical filters at acute angles to generate a spiraling liquid film, and the filter is rotated in order to scrape off solid matter adhering to inner surfaces. Jinno Kogyo develops filters that don't require backwashing and can sustain stable, high-quality filtering operations over long periods of time.

Because backwashing operations are not necessary, the device itself is compact, maintenance is easy, and nozzle specifications such as the number of nozzles and nozzle sizes can be altered freely. These products can be utilized in a wide range of different fields, including water treatment, food products, papermaking and metalworking.



### Jinno Kogyo Co., Ltd.

1255-7 Hagyu, Niihama, Ehime 792-0055  
TEL: 0897-44-5782 FAX: 0897-44-5783  
<http://jinnoogyo.com> Founded: Jan. 1984 Capital: 10 M yen President: Hiroshi Jinno Employees: 5 Business: Manufacture of pressure vessels and industrial machinery, installation, piping work, buffing Revenue: Non-disclosure





## Products that enrich lifestyles and improve conveniences



This company provides a wide range of household and environmental products designed in pursuit of user-friendliness and safety, with features such as sturdy columnar design, lightweight and quiet top-hinge linked sliding doors, and aluminum rails that facilitate smooth opening and closing. Sliding bicycle-rack storage devices are made from rust-resistant ZAM material, and the racks slide left and right to facilitate parking and removal of bicycles as well as high storage efficiency. The company boasts excellent 3D processing technology for thin steel sheets, and can provide high-quality products free of deformation.

### TAKUBO Industrial Co., Ltd.

2-3-17 Furukokubu, Imabari, Ehime 799-1521  
TEL: 0898-65-5000 FAX: 0898-65-4677 <http://www.e-ty.co.jp>  
Founded: Mar. 1961 Capital: 80 M yen President: Ryoji Saeki  
Employees: 350 Businesses: Production and sale of garages, steel stock houses, bicycle parking equipment, etc.  
Offices: Saijo, Sendai, Tokyo, Saitama, Yokohama, Nagoya, Osaka, Hiroshima, Takamatsu, Matsuyama, and Fukuoka  
Revenue: 13.6 B yen (as of Mar. 2019)



## Technology to overcome the difficult task of cutting pure nickel

This company has unique technology that enables grinding of hard to cut materials with high-corrosion and heat-resistance characteristics, such as inconel, tungsten etc. using general-purpose equipment. That is why the company is the world's only mass producer of pure-nickel parts for semiconductor manufacturing machinery.

Utilizing its unique know-how with long time experience of dealing hard to cut materials, the company regrind multi purpose blades to develop special blades in-house. Thanks to its advanced cutting technology, the company is highly skilled at cutting thin items and processing in minute details. Facilities are fully equipped with processing machinery capable of performing difficult multi-face machining simultaneously, among other equipment.



**Takahashi Industries Co., Ltd.**  
1275-5 Ikeda, Tanbara-cho, Saijo, Ehime  
791-0508 TEL: 0898-68-5368  
FAX: 0898-68-0727 Founded: June 1980  
Capital: 10 M yen  
President: Hajime Takahashi  
Employees: 24 Businesses:  
Manufacture of semiconductor  
production device parts Revenue: 220  
M yen (as of Mar. 2016)



## The best of the best when it comes to machine tool operation

This company performs precision machining for small hydraulic parts used in construction and agricultural equipment, and performs final finishing work mainly by hand. They respond to small-quantity, high-variety production orders, provide integrated product manufacturing services covering everything from part machining to welding, and can deliver completed products in a short time.

For large lot numbers, equipment with powerful loader specifications can be introduced to enable response to a wide variety of orders. In addition, the company provides guidance on machine tool installation and maintenance operations as well as other general services related to machine tools.



### TAKAYOSHI THE INDUSTRIAL PLACE

38-3 Minato, Saijo, Ehime 793-0046  
TEL: 0897-53-9387 FAX: 0897-53-5157 <http://www.jobtech-takayoshi.com>  
Founded: Apr. 1995 Capital: 9.5 M yen President: Yoshiaki Sogabe  
Employees: 13 Businesses: Processing of fittings at high temperature and high pressure; processing of construction machinery and hydraulic agricultural machinery parts; installation, repair, and demonstration of machine tools  
Revenue: 240 M yen (as of Sep. 2016)



## Facilities enabling to process large products

At the company's processing facilities, which are divided into two plants, it manufactures dust collectors that remove dioxins from flue gas using mainly plasma and dust collection filters. The facilities feature advanced plate work fabrication and welding capabilities and are equipped to handle products that are up to 10 m wide by 10 m tall. Furthermore, their production system enables integrated manufacturing encompassing everything from material cutting to molding, assembly, and shipment. Because the head office plant directly adjoins the port, the company can handle loading operations for large products. The company has even manufactured and delivered a screw coaster to the Lotte World amusement park in South Korea (see upper photo).



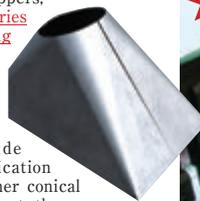
### DAIRIKI Co., Ltd.

853 Kitagawa, Saijo,  
Ehime 793-0042  
TEL: 0897-56-5313 FAX: 0897-56-5308  
<http://e-dairiki.co.jp> Founded: Apr. 1967 Capital: 30 M yen  
President: Tatsuo Tanaka Employees: 80 Businesses: Plant equipment (dust collection systems), amusement facility equipment (roller coasters, Ferris wheels), multilevel boat sheds Revenue: Non-disclosure

## Technologies that bring ideas to life

This company excels in precision sheet metal working. For press brake machining of hoppers, the company carries out press working while achieving a smooth surface radius curvature and a high roundness. Aside from non-specification reducers and other conical taper-rolled products, they earn an excellent reputation for their precision bending operations used to round off corners on various polygonal shapes.

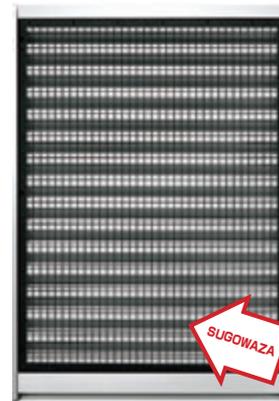
Takasuka handles a wide range of product sizes, including items with high taper rates that are not possible to achieve using standard roller mills; small-internal-diameter items the same size as the palm of the hand; and even large-scale, thick-walled items with diameters surpassing 2 meters. The company meets customer needs in numerous ways, including development starting with 3D CAM modeling, and even completion of welding in more recent orders.



### Takasuka Co., Ltd.

4-3-35 Kukadori, Matsuyama, Ehime 791-0054 TEL: 089-972-4555 FAX: 089-971-7653  
<http://www.takasuka.co.jp/> Founded: Apr. 1948 Capital: 28 M yen President: Seijiro Takasuka Employees: 120  
Businesses: Shearing, pressed parts, steel shape fabrication, precision sheet metal, die/mold making, etc.  
Revenue: Non-disclosure

## Environmentally friendly expression through wire mesh



As a specialized wire mesh manufacturer, Takenaka Wire Cloth provides high-quality products for use in buildings and a diverse array of other applications. The company's warehouses are stocked with a wide variety of crimped wire mesh material types, so they can respond to small-quantity, high-variety and quick-delivery orders.

The crimped wire mesh bird-control bamboo screens developed by Takenaka Wire Cloth are used in a number of well-known buildings throughout Japan. By utilizing factory in-line baking dip coating, the amount of coating used can be reduced compared to the conventional spray-on method, achieving great results in terms of environmental friendly products.

They non award at 19th sikoku Industrial Science and Technology Award.

### Takenaka Wire Cloth Co., Ltd

281 Ko, Kuo, Onishi-cho, Imabari, Ehime 799-2201  
TEL: 0898-53-2267 FAX: 0898-53-6135  
<http://www.takenaka-kanaami.co.jp>

Founded: Mar. 1973 Capital: 12 M yen President: Kenzo Takenaka Employees: 26 Businesses: Manufacture and sale of various kinds of industrial wire mesh and processed products for chemical plants, food manufacture, and protection of machinery and equipment; vibrating sorting screens for ore, gravel, chemical products, and food, building materials, bird-proof wire mesh, and green wire mesh for construction  
Office: Techno Namikata Factory Revenue: Non-disclosure

# SUGO WAZA

## TANIGUCHI HEAT TREATMENT CO., LTD.

Metal products

### The power of heat for characterizing steel materials

This company's facilities are fully equipped, with one of the largest furnace (vacuum, carburizing, raw materials) in Japan with a maximum capacity of 80 tons, and a large-scale cooling tank. These facilities enable the company to utilize the characteristics of each metal and carry out various types of heat treatment processing. The company handles a diverse range of metal parts, from small parts used in the manufacture of electronic devices to airplane parts, linear and automotive bearings, quake-resistant steel and more.



The company utilized heat treatment technical knowledge gained through years of experience to develop a low-deformation heat treatment furnace, and achieved minimized distortion following treatment with inert gas cooling control. It reduces tail-end processes and contributes to reduced costs.

The company utilized heat treatment technical knowledge gained through years of experience to develop a low-deformation heat treatment furnace, and achieved minimized distortion following treatment with inert gas cooling control. It reduces tail-end processes and contributes to reduced costs.



## TANIGUCHI HEAT TREATMENT CO., LTD.

853-16-1 Kitagawa, Saijo, Ehime 793-0042  
TEL: 0897-55-5515 FAX: 0897-56-8877 <http://www.taniguchi-mht.co.jp>  
Founded: July 1975 Capital: 20 M yen President: Syunsuke Taniyama  
Employees: 47 Businesses: Low-distortion heat treatment processing, Development and sale of furnaces for low-distortion heat treatment processing  
Offices: Hyogo, Osaka Revenue: 1.025 B yen (as of Sep. 2016)

## Tastem Co., Ltd.

Metal products

### Highly polished technology including comprehensive thin sheet metal facilities

This metalworking specialist company takes pride in its achievements for about 50 years. The company is top-class in Shikoku in terms of cutting-edge facilities, which include a high-precision laser processing machine, a press break capable of high-speed processing, an NCT turret punch press, and more.

Ironworks section's forte is the manufacture of operator's cabs for cranes through masterful use of thin sheet metal processing techniques—a skill that no other company can match.

In the Building section, the earthquake-proof door which can be opened and closed also in case of a massive earthquake was developed, and it acquired the patent.

The company continues to lead the industry through an integrated manufacturing process that includes everything from design to development and programming.



## Tastem Co., Ltd.

3-2-1 Masaeda-cho, Niihama, Ehime 792-0032 TEL: 0897-37-1111 FAX: 0897-37-1425  
<http://www.tastem.co.jp> Founded: July 1958 Capital: 40 M yen President: Masatoshi Takahashi Employees: 79 Businesses: Design and manufacture of cabs, machine rooms, and electrical rooms for large construction equipment; Design, manufacture, construction, and sale of the fittings made from steel, stainless steel, and aluminum, such as a curtain wall and a common sash Revenue: Non-disclosure



## Tsuzuki Ironworks Co., Ltd

Metal products

### Achieving shining results through buffing and electropolishing

Tsuzuki Ironworks got its start in 1947 as a subcontracted construction company for Sumitomo Chemical, and thanks to many years of accumulated know-how the company has achieved great results in plate work fabrication, piping, semiconductor clean piping, large-scale plant construction and a wide range of other areas. In particular, the company's welding technology is highly acclaimed. The group has been pouring its efforts in recent years into buffing and electropolishing as part of its polishing operations, and has established an integrated manufacturing system that encompasses everything from manufacturing to polish finishing of storage tank products. Tsuzuki Ironworks continues to increase added value in its products.

## Tsuzuki Ironworks Co., Ltd

3-3-37 Nishibara-cho, Niihama, Ehime 792-0011 TEL: 0897-33-7141 FAX: 0897-37-2334  
<http://tzk-iv.com> Founded: Feb. 1960 Capital: 30 M yen President: Go Tsuzuki  
Employees: 33 Businesses: Design and manufacture of industrial equipment for plants, manufacture factory towers, containers, and pressure vessels. Processing and manufacture of stainless steel abrasive products  
Office: Toyo Factory Revenue: 115.5 M yen (as of May 2016)



## Chuo Stainless Co., Ltd.

Metal products

### Achieving both beauty and excellent design



With a central focus on stainless steel handrails, Chuo Stainless designs, manufactures and installs railings, ramps, gates and more that accompany architectural hardware for stairways, balconies, rooftops, bathing areas, etc. Their products boast excellent precision and construction technologies while simultaneously exhibiting excellent aesthetic and design characteristics, and they accept both small and large quantity orders.

Products made via the company's made-to-order system encompassing design, manufacture and installation can be found in a diverse range of locations ranging from Tokyo Skytree and Tokyo's Haneda Airport international terminal building to commercial facilities, public facilities and even individual residences.

## Chuo Stainless Co., Ltd.

2009-1 Shimoyama, Kawataki-cho, Shikokuchuo, Ehime 799-0127  
TEL: 0896-58-1122 FAX: 0896-58-4073 Founded: Aug. 1961  
Capital: 10 M yen President: Seiichi Kawamura  
Employees: 40 Businesses: Manufacture of stainless steel handrails, ramps, gates, and steel handrails Offices: Tokyo, Osaka, Hiroshima Revenue: 800 M yen (as of July 2016)

## two-teq CO., LTD

Metal products

### Cutting technology with an artisan's attention to detail

This company's greatest strength is its precision machining of iron, aluminum, stainless steel, titanium, bronze, plastics and numerous other material types. They have established a thorough production system that covers everything from sample part measurement and manufacturing drawings to cutting operations. The company is unique in their ability to provide a wide range of proposals to increase production rates, including proposals for part improvements, cost reductions and shortened delivery times.

Advanced machining cannot be successfully executed by simply following recommended conditions and guidelines, but the company achieves success by utilizing techniques made possible through accumulated experience.



## two-teq CO., LTD

208-1 Kou Sunouchi, Toon, Ehime 791-0311  
TEL: 089-966-4040 FAX: 089-966-4047 <http://two-teq.com>  
Founded: Apr. 1990 Capital: 10 M yen  
President: Kazutoshi Masuda  
Employees: 35 Businesses: Precision part processing for automated equipment, aerospace equipment, and products related with LCD and LED manufacture Revenue: 890 M yen (as of Mar. 2016)

## CHOSO IRONWORKS CO. LTD.

Metal products



### Top-tier cutting technology to be proud of

This company's greatest strength lies in extreme-precision cutting of inside and outside diameters—especially difficult inside diameter cuts—using state-of-the-art machine tools (multifunction processing machines) to produce high-precision, high-quality products with assembly clearances of 5 micron or less.

## CHOSO IRONWORKS CO. LTD.

1-11 Minato, Saijo, Ehime 793-0046  
TEL: 0897-58-2227  
FAX: 0897-56-7177 <http://www.choso-ir.net/> Founded: Oct. 1973 Capital: 30 M yen President: Hiroyuki Kato  
Employees: 115 Businesses: Manufacture of precision parts for hydraulic equipment, industrial machinery parts, etc. Revenue: 2.4 B yen (as of Oct. 2019)



# SUGOWAZA

TOUWA KOGYO Co., Ltd.

Metal products

## Implementing a long lasting belt conveyor roller

Touwa is the only steel flange maker in Shikoku that uses integrated manufacturing to produce various types of flanges. Working together with LP gas tank maker Hagio High Pressure Containers Co. Ltd., TOUWA KOGYO has developed an innovatively constructed, long lasting, low cost conveyor roller. Belt conveyors used along the coast generally have shorter lifespans due to salt corrosion or particulates from freight. The successful development of this new product has **increased airtightness and prevents foreign substances from settling in, allowing for longer use of the roller.**



TOUWA KOGYO Co., Ltd.

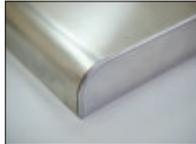
2-7-38 Nishibaracho, Niihama, Ehime 792-0011  
 TEL: 0897-33-8306 FAX: 0897-33-8151 <http://touwakogyo.com>  
 Founded: June 1969 Capital: 10 M yen President: Keisuke Jinno  
 Employees: 30 Businesses: Manufacture and sale of various types of flanges and belt conveyor rollers  
 Revenue: 630 M yen (as of May 2016)

Nishioka Iron Works Co., Ltd.

Metal products

## A thin sheet metal without distortions with fiber laser technology

Due to its energy efficiency, high-output capability, excellent beam quality, and a high level of stability, the fiber laser welding technology has become the golden standard of laser processing. Although this technology is often employed in the field of sheet metal precision processing, **Nishioka has applied it to the welding of general can products with a primary focus on large scale sheet metal processing. A system equipped with a 4m wheeled robot enables the handling of numerous types of products in a variety of quantities.** With the welding's low distortion and deep penetration and the welding available for reflective materials, Nishioka's technology has the potential to radically transform the common practice of the field of sheet metal processing.



Nishioka Iron Works Co., Ltd.

6-6-35 Takihama, Niihama, Ehime 792-0893 TEL: 0897-46-0303 FAX: 0897-45-3534  
<http://www.g-nishioka.co.jp/nishioka.html> Founded: Apr. 1933 Capital: 10 M yen  
 President: Kei Nishioka Employees: 30 Businesses: Covers of industrial machinery; thin canned goods manufacture (such as control panel housing); low distortion welding of thin sheet metal using YAG laser and fiber laser welding techniques Revenue: 328 M yen (as of Aug. 2018)

Horie Co., Ltd.

Metal products

## Water Jet-Hydraulic cutting technology that can cut through anything



Water-cutting is a technology that **cuts material with high-pressurized water**. This allows Horie to cut complex mixed-material compounds including composites and laminates, as well as aluminum, copper, titanium, timber, stainless steel, rubber, and ceramic. Since this cutting generates very little heat, it is not only able to cut objects into complex shapes but also **to minimize their transformation**, including discoloration and hardening. Horie can cut objects up to 1219mm by 2400mm and accepts small cutting/processing orders (even single pieces), too.

Horie Co., Ltd.

1070 Ko, Higashioguri-cho, Matsuyama, Ehime 799-2649  
 TEL: 089-979-0825 FAX: 089-979-0869  
<http://www.horie-g.co.jp/>  
 Founded: Jan. 2000 Capital: 5 M yen  
 President: Satoshi Watanabe Employees: 22  
 Businesses: Water cutting, laser cutting, and manufacture of metal products  
 Revenue: Non-disclosure



HAGIO KOATSU YOKI CO., LTD.

Metal products

## Environmentally-friendly Gas Technology

This company holds **nearly a 50% share of the LP gas container market in Shikoku**. Their unique and high-level press molding and welding technologies are employed not only to meet the demands of their customers but also to answer the needs of the age by developing and offering satisfactory products. This company engages in a wide range of gas-related business from container to plant in design, production, installation, and maintenance. They have newly developed facilities for high-level usage of bio-gas, which make it possible to remove hydrogen sulfide gas and utilize bio-gas effectively. These facilities are highly expected to be utilized.

HAGIO KOATSU YOKI CO., LTD.

3-5-50 Takihama, Niihama, Ehime 792-0893  
 TEL: 0897-46-3111 FAX: 0897-45-1750 <http://www.hagio.co.jp>  
 Founded: July 1961 Capital: 50 M yen President: Hironori Hagio  
 Employees: 55 Businesses: Manufacture and sale of various types of LP gas containers, bulk storage containers, and CFC recovery containers; construction, safety inspection and open inspection of LP gas bases and high pressure gas plants Offices: Fukuoka  
 Revenue: 1.38 B yen (as of June 2016)



Terao Tekkoshu, Y.K.

Metal products

## High Precision Surface Polishing Technology for Industrial Rolls

Terao Tekkoshu owns the technology to **evenly adjust surfaces of any hardness to a roughness of your liking for regrounding industrial rolls** used for producing coated paper, liquid crystal film, etc. Our expertise in processing technology obtained through many years of experience allows us to polish soft roll surfaces such as urethane at a range of 0.6 to 0.7μ (Ra).

We are well equipped for the job, and through continued practice of responding to the ever-changing needs of our clients, **we have accumulated comprehensive practical knowledge that no other company has.**



Terao Tekkoshu, Y.K.

657-8 Kinseichoshimobun, Shikokuchuo, Ehime 799-0111  
 TEL: 0896-58-5302 FAX: 0896-58-7106  
 Founded: 1947 Capital: 5 M yen President: Koichi Terao  
 Employees: 12 Business: Polishing / production of various industrial rolls, design / production / maintenance of paper-making machine, production / polishing / cutting of paper-making doctor blade, balance correction of rotor Revenue: Non-disclosure

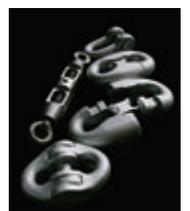


Matsukawa Kogyo Co., Ltd.

Metal products

## High-precision manufacturing of long, large-size pressure rolls

With a primary focus on the manufacture of pressure rolls used in steel mills, Matsukawa specializes in the processing of heavy goods and long materials. **The company possesses one of the few large-scale processing machines in Japan**, which handles processing from a minimum diameter of 400mm and length of 2m to maximum diameter 800mm and length of 5m. Drawing upon a wealth of knowledge and experience of many years, Matsukawa effectively meets the demands of its clients with its **manufacturing technology including precision processing employing heat (room or atmospheric temperature) for material contraction** and the processing of extremely hard materials, such as high-speed steel, adamant, and ductile iron, into complex shapes.



Matsukawa Kogyo Co., Ltd.

3-1-49 Shinsuka-cho, Niihama, Ehime 792-0802 TEL: 0897-35-3155 FAX: 0897-35-3156  
 Founded: Sep. 1958 Capital: 10 M yen President: Takuya Matsukawa Employees: 17  
 Businesses: pressure rolls, ship parts, chains, construction equipment parts  
 Offices: Kuroshima Factory, Jiomaru Factory Revenue: 150 M yen (as of Dec. 2015)

## Bone harvester developed by a collaboration between medicine and engineering has made bone harvesting easy

KM Bone Harvester is manual equipment used for bone transplantation in orthopedic operations, which has been developed collaboratively with clinical doctors based on our original precision component processing technology. Compared to the conventional equipment which uses the manual rotary cutting method, our newly-developed one adopts the hit-in method. It is possible to harvest a nicely shaped bone pillar just by cutting the skin 2-cm deep in the iliac region and hitting it. It takes only a few minutes to harvest a piece of bone and therefore operation time is shortened. Thus, it is highly acclaimed because it contributes to the reduction of doctors' labor.

### Miyatani Co., Ltd.

1-446-6 Wakemachi, Matsuyama, Ehime 799-2656 TEL: 089-979-3794 FAX: 089-979-3798

Founded: Apr. 1993 Capital: 10 M yen President: Naofumi Miyatani

Employees: 3 Businesses: Manufacture and sale of medical devices developed by collaboration between medicine and engineering, and production of precision components Revenue: Non-disclosure



## Uncompromising technical strength based on world standards

Yutaka makes use of accumulated knowledge and experience to provide high-quality parts to a wide range of industries, in the fields ranging from semiconductors, light electrical appliances and medical equipment to aircraft and space science. The company makes the utmost effort to respond to customer needs while placing top priority on adherence to delivery deadlines and maintaining of high product quality. The company undergoes evaluations by public institutions based on world standard specifications, which includes not only on-site checks but also inspection of all products to ensure quality.

### Yutaka Co., Ltd

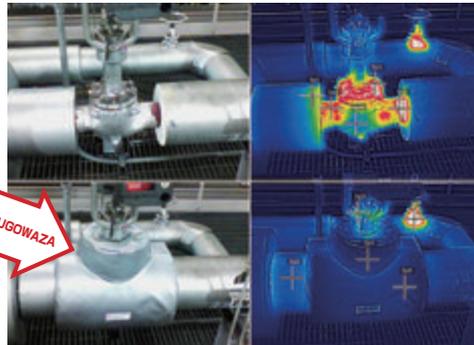
822-2 Nishihabu-machi, Matsuyama, Ehime 791-8044 TEL: 089-971-5501 FAX: 089-973-9092

http://www.kk-yutaka.co.jp Founded: Dec. 1977 Capital: 10 M yen President: Hisamitsu Futagami Employees: 127 Businesses: Manufacture and fabrication of metal products Revenue: 3.0 B yen (as of Mar. 2018)



## Custom heat-insulating covers compatible with a wide variety of shapes and forms

When asked to develop heat-insulating thermal covers for valves, gaskets and other components that anybody could install and remove with ease, Kaga Kogyo came up with the Kaga Thermal Jacket (KTJ) series of products. These products are made-to-order and lightweight, making installation and removal easy even for those of average physical strength. Furthermore, they produce no dust, making them suitable for use in food plants, cleanroom environments and similar. Each product is custom-made using onsite measurements taken by a seasoned expert, resulting in no gaps and excellent thermal insulation in the final product.



### Kaga Kogyo Co., Ltd.

2-3-23 Ikku-cho, Niihama, Ehime 792-0025

TEL: 0897-37-0500 FAX: 0897-37-0502

https://www.ikee.jp/kaga/ Founded: June 1951 Capital: 24 M yen

President: Shu Nishiyama Employees: 32 Businesses: General preparation and installation of heat- and cold-insulating products for factory applications Offices: Kagawa Office, Naoshima Branch Office; part of the IKEE Group Capital: 620 M yen (as of Dec. 2019)

## Achieving stable operations in complex chemical plants



Oishi Kosakusho boasts advanced welding technology, and unique piping installation, and machinery repair technologies. They utilize an integrated management system to handle everything from design to manufacturing, delivery, installation, diagnostics and maintenance for numerous types of large-scale plants and related construction work, piping work, pressure vessels, conveyors, industrial machinery, metal machine parts and more.

The company utilizes a combination of maintenance-related technologies and know-how accumulated since their founding to provide optimized maintenance services. In addition, they also handle small-diameter, thin-walled workpiece welding that would be impossible for human workers alone to perform, and their pipe joint technology ensures successful passing of helium leak tests.



### Oishi Kosakusho Co., Ltd.

6-2-45 Takihama, Niihama, Ehime 792-0893 TEL: 0897-46-1160

FAX: 0897-46-1159 http://oishi-group.com Founded: Apr. 1938

Capital: 20 M yen President: Kenichi Oishi Employees: 110

Businesses: Plate fabrication, piping work, manufacture and installation of various types of industrial machinery, chemical plant equipment maintenance Offices: Kikumoto and Sobiraki in Niihama Revenue: 1 B yen (as of Mar. 2014)

## A group of artisans who specialize in plant equipment

Since its establishment in 1924, this company's passion for manufacturing has been passed down from generation to generation like DNA. The staff of the Saijo office takes pride in their commitment to honor the trust of their customers. They are engaged in designing and manufacturing heat exchangers and other plant equipment used largely at petrochemical industrial complexes.

This requires the accumulated craftsmanship of plate-workers, welders, machine-workers, and finishing-workers to produce an excellent heavy-duty heat exchanger able to endure heavy use. Miyoshi Iron Works' skilled workers make their best efforts to meet every requirement of their customers.

### Miyoshi Iron Works Co., Ltd.

853-12 Kitagawa, Saijo, Ehime 793-0042 (Saijo Office) TEL: 0897-55-1100 FAX: 0897-55-1106

http://www.miyoshi.gr.jp Founded: July 1964 Capital: 38 M yen President: Yohei Miyoshi Employees: 230 Businesses:

Design, production, installation, and plumbing work of tubular heat exchangers, air-cooled heat exchangers, factory towers/vessels, various types of chemical equipment, industrial chemical machinery, and general industrial machinery; plant construction and maintenance. Offices: Head office (Niihama), Kanto, Oita, Saijo Factories: head office factory, Sawatsuki and Doi Revenue: 7.365 B yen (as of June 2019)



## Experienced scaffolding experts: custom-made scaffolding for even the most challenging factory environments



Katakami Komuten serves as a consultant for scaffolding-related needs, and has built up strong partnerships with primary contractors over the years. They handle large-scale scaffolding installation projects for exceptionally large-sized plants and other challenging plant environments.

One of the company's unique strengths is their project supervisors, who create plans in advance of actual installation with full consideration for safety, process and financial loss, speed, and other such factors. Katakami Komuten handles everything from scaffolding planning, material procurement and mobilization planning to process control, construction and installation, all in-house at a single company.

### Katakami Komuten YK

2-9-33 Nishinodoi-cho, Niihama, Ehime 792-0035 TEL: 0897-34-6877 FAX: 0897-33-8071

https://www.katakami.co.jp/ Founded: Nov. 1961 Capital: 10 M yen President: Hiroto Katakami

Employees: 28 Businesses: Full preparation and installation of custom-made scaffolding for factories Revenue: 900 M yen (as of June 2020)

## Saving energy while efficiently processing highly-concentrated waste water

SUPER Depcer, a wastewater treatment equipment that uses anaerobic microorganisms, provides an energy-efficient, cost-efficient, and space-saving treatment for highly-concentrated waste water which is difficult to process using conventional methods. Also, methane gas obtained from the treatment process can be used as fuel for in-house power generation, which helps to reduce fuel cost. Not only is excess sludge reduced substantially, but also the equipment's power consumption is 1/10 of that of conventional methods. Aiken Kakoki K.K. is currently expanding its business not just domestically but also internationally. With the Vietnam office as a base, the company is looking to expand its business to other developing nations with a central focus on countries in ASEAN.



### Aiken Kakoki K.K.

353-6, Komura-machi, Matsuyama, Ehime 791-1125  
 TEL: 089-963-4611 FAX: 089-963-4655  
 Founded: Oct. 1982 Capital: 200 M yen  
 President: Masanori Iwata Employees: 12  
 Businesses: Wastewater treatment equipment; tap water/utility water treatment equipment; design, installment, maintenance management, and operation of refrigeration air conditioners and cooling circulation devices  
 Offices: Hiroshima, Ho Chi Minh (Vietnam)  
 Revenue: Non-disclosure



## IURA CO., LTD.

### Technology to mitigate caregivers' labor

Iura launched their business as a machine parts processing company in 1973. Then the founder developed a bed for his bedridden father, which enables the sleeper to roll over and mitigates the labor of the caregiver. Beginning with this invention, Iura has put out many unique health-related products into the market for the disabled or aged. These products are used mainly in nursing organizations and hospitals and are highly-rated. For example, their original "self-reliance bed" helps the users avoid bedridden life. Iura keeps striving to develop new products with the intention of mitigating caregivers' labor and improving the welfare of those who receive medical treatment.



### IURA CO., LTD.

410-6 Minaminoda, Toon, Ehime 791-0214  
 TEL: 089-964-8880 FAX: 089-964-1599 <http://www.iura.co.jp>  
 Founded: Dec. 1973 Capital: 80 M yen  
 President: Yukio Yokohata Employees: 163  
 Businesses: Research, development, production, and marketing of welfare apparatus and care-supporting equipment  
 Offices: Sapporo, Sendai, Tokyo, Nagoya, Osaka, Fukuoka  
 Revenue: 2.29 B yen (as of Sept. 2019)

## Ai Torino Co., Ltd.

### Knee orthoses which can ease the pain of walking

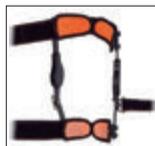
Ai Torino's 3D knee orthoses are aimed at easing pain when walking for those who suffer from gonarthrosis, by guiding their bone structure in appropriate directions. The extension of knee orthoses for mild arthritis patients is meant to protect knee joints, by mitigating the pressure to their cartilages. These orthoses expand, contract, or twist partially according to the leg motion of the users and guide their deformed bone structure to approximate the three-dimensional walking movement of healthy individuals.



By modifying the shape of inducing cams, Ai Torino's orthoses can adapt to a wide range of medical conditions. They are light enough to wear without discomfort. The technology of their 3D motion knee orthoses has been patented in 8 countries and is under review for a patent in 144 more countries.

### Ai Torino Co., Ltd.

320 Technoplaza Ehime,337-1 Kumekubota-cho,Matsuyama, Ehime 791-1101  
 TEL: 089-989-7307 FAX: 089-989-7308  
 Founded: Mar. 2005  
 Capital: 3 M yen  
 President: Manabu Hasegawa  
 Employees: 4  
 Businesses: Manufacture of medical and welfare equipment/tools  
 Revenue: Non-disclosure



## Technologies for removing ultratrace amounts of mercury and sulfur from petroleum

IH Technology carries out joint development efforts with Ehime University and local corporations in an effort to remove (reduce to 0 ppb or less) mercury and hydrogen sulfide from petroleum products, with the aims of reducing the environmental impact of refineries and achieving higher product quality.

Products previously developed by the company are already being used by numerous petroleum companies throughout Japan. In recognition of their efforts, IH Technology received The Japan Petroleum Institute Award for Technological Advancement in 2019. Furthermore, in 2009 they received a Distinguished Service Award from the Sultan Qaboos University in Oman. Currently, the company is developing technologies for the production of clean petroleum products using carbon dioxide as their base ingredient. Moreover, as part of efforts to contribute to the local community, they operate the Shikoku FC Society, and every week participate in an FM Radio Bari Bari program for listeners nationwide where they talk about Ehime.



### Intelligence and High Technology Co., Ltd. (IH Technology)

556-1 Tsutachi, Saijo, Ehime 793-0027  
 TEL: 0897-47-7517 FAX: 0897-47-7517  
<http://www.ih-tec.com>  
 Founded: Aug. 2008 Capital: 3 M yen  
 President: Yoshihiro Ikushima  
 Employees: 10 Businesses: Production of agents to remove mercury and hydrogen sulfide from petroleum products, overseas sales of Ehime Prefecture products  
 Offices/Facilities: Research center (in Ehime University), and offices in Tokyo, New York and Taiwan  
 Revenue: 100 M yen (as of Mar. 2017)



## AdMeTech Co., Ltd.

### Establishment of a new type of therapy

The AMTC200 electric cautery device for animals is new treatment using heat: It minimizes the burden on animals being treated and can be used in conjunction with other types of treatment. Its merits include a minimally invasive approach (compared with surgery) and a higher QOL (quality of life) for the animal being treated. This device has been successfully used in approximately 200 different treatment result, including fibrous histiocytomas, hemangiopericytomas and perianal tumors. Thanks to this product, users can anticipate a higher quality of life for their pets.



### AdMeTech Co., Ltd.

5F Ezakihorsha Building,1-8-16 Kukodori, Matsuyama, Ehime 790-0054  
 TEL: 089-989-5917 FAX: 089-989-5927  
<http://www.admetech.co.jp>  
 Founded: Sep. 2003  
 Capital: 226 M yen President: Toshio Furukawa  
 Employees: 5 Businesses: Manufacture and sale of medical devices Office: Tokyo  
 Revenue: 8.7 M yen (as of Mar. 2018)

## Atex Co., Ltd.

### Japan's first high-powered, radio-controlled, hybrid mowing machine

The Kamikari RJ 700 is the first Japanese-made, radio-controlled hybrid mowing machine with a high-powered (18.2 hp) engine. It uses little fuel, enabling long operating times, and the engine inclines up to 20 degrees to the left or right based on operating conditions to enable mowing on a surface incline of up to 45 degrees. It also features twin upper-lower blades for fine cutting of grass, along with other useful design features and functions.

This model's cutting-blade cleaning function has received the Japan Patent Office's Commissioner's Award. Together with the Karimaoh series of riding-type mowing machines, which are also equipped with revolutionary features, the Kamikari RJ 700 is one of the company's leading mowing products.



### Atex Co., Ltd.

1-2-5 Kinuyama, Matsuyama, Ehime 791-8025  
 TEL/ 089-924-7161 FAX/ 089-925-0771  
<http://www.atexnet.co.jp>  
 Founded: March 1934 Capital: 60.8 M yen  
 President/ Representative Director: Masahiro Murata Employees: 210  
 Business: Agricultural machines manufacturing  
 Offices: Matsuyama, Iwate, Ibaraki, Gifu, Kumamoto Revenue: 5 B yen (as of Jan. 2018)



Izumi Seiki Co., Ltd.

General machinery

## Reducing waste in manufacturing processes and raw materials

This company specializes in the design and manufacture of molds for various plastic products including food product containers and medical-use products. They utilize a SHI pulp gate system that does not waste any unnecessary materials as part of their resource-efficient hot runner system technology based on more than 20 years of accumulate industry knowledge, putting them a step ahead of other companies.

In addition, the company has achieved multiple-color expression for in-mold labeling operations, wherein pre-printed labels are attached during injection molding. This is difficult to achieve in standard systems and greatly reduces manufacturing process times.

Izumi Seiki Co., Ltd.

6-6-46 Takihama, Niihama,

Ehime 792-0893

TEL: 0897-32-6232

FAX: 0897-32-6535

Founded: July 1988

Capital: 90 M yen

President: Mitsuru Yoshida

Employees: 40

Businesses: Design and manufacture of molds for precision plastic injection molding

Revenue: 677.4 M yen (as of Mar. 2018)



ISEKI & CO., LTD.

General machinery

## Utilizing cutting-edge technologies to pioneer the future of agricultural machinery

The agricultural industry plays the important role of providing us with food, and this company manufactures and sells agricultural machinery to improve the efficiency of that industry. The company employs an integrated system encompassing everything from product development to manufacture and sales.

ISEKI owns various patented technologies for smart agricultural equipment such as tractors, rice transplanting machines and combine harvesters (including the TJV655R pictured below), which utilize ICT and robotics knowledge and technologies. The company has some of the greatest numbers of patents in their field according to the Japan Patent Office Annual Report, which serves as a testimony to the company's outstanding technological capabilities.



ISEKI & CO., LTD.

700 Umaki-cho, Matsuyama, Ehime

799-2692

TEL: 089-979-6111

FAX: 089-978-6440

http://www.iseki.co.jp

Founded: Aug. 1926

Capital: 23.34 B yen

President: Shiro Tomiyasu

Employees: 5,563

Businesses: Manufacture of agricultural machinery

Offices: 8 domestic GO (not including sales branches)

Revenue: 149,899 B yen (as of Dec. 2019)

NS Corporation

General machinery

## Accurate and Neat Processing Food Processor

NS Corporation's basic development concept is "machine that can be mechanically repaired, easily used, and moves in a similar manner to people." The company's originality has produced machines with much better performance than conventional ones at a lower cost compared to rival companies including machines that extract juice and dry the skin of citrus fruits, slicers and choppers for various food products, as well as sterile water producing apparatuses. While working on automating processes that are yet to be automated, the company uses customization to match the requests of customers. The company accommodates niche demands.



NS Corporation

1457-1 Ko, Aza Ono, Ohira Iyo, Ehime 799-3131 TEL: 089-983-5521

FAX: 089-989-0080 Founded: July 1999 Capital: Self-owned business

President: Kiyotaka Nakai Employees: 7 Businesses: Production and sales of food processors, fruits and vegetables processors, packaging machines, sorters, scales, high-performance hypochlorous sterile water producing apparatuses, juice extracting lines (fruits and vegetables) Offices: Thailand (Bangkok), South Korea (Bucheon), China (Dalian), Bangladesh (Dhaka) Revenue: Non-disclosure http://www.nscorp.jp

OKAME SEISAKUSHO Co., Ltd.

General machinery

## High-quality, small-lot production that enables lower costs

The "Peach System Line" production system is the first of its kind in Japan, designed to meet diversifying customer needs. By combining new molding machines with mold storage facilities, manufacturing operation stoppages when switching between small-lot production types are completely eliminated. Furthermore, by automating preparatory processes, the difficult challenge of achieving short delivery times, high product quality and low costs can be overcome.

Mold numbers, mold thickness, pouring gate positioning, squeeze pressure, material properties, mold conditions and other parameters can be entered according to necessary molding requirements for that day's operations using an office-based computer.



OKAME SEISAKUSHO Co., Ltd.

5-9-8 Oguri, Matsuyama, Ehime 790-0036

TEL: 089-941-6651 FAX: 089-941-6652 http://www.okame.co.jp

Founded: Mar. 1931 Capital: 50 M yen President: Akito Okame

Employees: 95 Businesses: Manufacture of cast-iron guns

Office: Tanbara-cho, Saijo Revenue: 2.5 B yen (as of Jan. 2019)

OCHI MACHINERY CO., LTD.

General machinery

## Machining that makes use of the characteristics of castings



This company is particularly talented at precision machining of large-sized casting products for use in manufacturing equipment, construction equipment, etc. Thanks to the ability to simulate trial processing on-screen using 3D CAD simulations, human error and other potential problems can be avoided.

The company developed a prototype for a trailer with a center-of-mass correction function in response to an order from the Ehime Forestry Research Center, and relevant

patents have been submitted for evaluation. With the goal of achieving in-house mass production and cost reductions in cast metal plate assembly operations, the company produces extremely strong, elegantly flowing forms.



OCHI MACHINERY CO., LTD.

1016 Tanouwagata, Tanbara-cho, Saijo, Ehime 791-0522

TEL: 0898-68-7506 FAX: 0898-68-7758

http://www.ochi-machinery.com Founded: Nov. 1963

Capital: 45 M yen President: Kunio Sekino Businesses: Manufacture of molds and canning products, and casting and cutting of construction machinery, transport machinery, and hydraulic machinery parts

Revenue: Non-disclosure

USHIO REINETSU CO., LTD.

No.1 Japan

General machinery

## The largest share of the market: The trend of the times is in their favor

Located in the marine city of Imabari, this company enjoys the largest share of the Japanese market related to air conditioners, freezers, and elevators for ships. Based on their flexible abilities to take charge of every step, i.e. acceptance of order, production and engineering, and the global technological abilities, they can meet the various needs of their customers.

In an effort to become a more eco-friendly manufacturer, this company has developed an MGO cooling system (low-sulfur fuel cooling system) to meet stringent SOX emission controls. They are foraying into the field of passenger vessels and have supplied pre-fabricated refrigerating/freezing devices to the Diamond Princess and Sapphire Princess, the largest passenger vessels ever built in Japan. This is the only company in Asia to enter global passenger vessel projects, promising a comfortable cruising experience to passengers sailing all over the world.



USHIO REINETSU CO., LTD.

185 Ko, Yata, Imabari, Ehime 794-0073

TEL: 0898-34-1230 FAX: 0898-34-1231

http://www.ushioreinetsu.co.jp

Founded: Nov. 1977 Capital: 50 M yen

President: Shigeharu Oda

Employees: 300

Businesses: Manufacture and sale of air-conditioning devices, freezing devices, prefabricated freezers/refrigerators, ship elevators, and "package type" marine air-conditioners

Offices: Onishi, Tokyo, Nagasaki, Kagawa, and more

Revenue: 6.785 B yen (as of Mar. 2020)

## Focusing on specialized household paper product manufacturing machinery

This company specializes in the manufacture of paper machines that make base paper for household paper products (Best Former Yankee paper machines are the most well-known type), as well as the manufacture of paper converters for tissue, toilet paper, and other such products. They provide high-quality, ultra-reliable machines that are all made to order so layouts can be customized to fit the customer's installation space and scale of manufacturing operations.



The company also makes use of specialized technology used in paper pulp machines and converter manufacturing operations, applying it to development of automatic packing machines for ironmaking coils and other products, and even undertaking the manufacture of machinery for other industrial fields.



### KAWANOE ZOKI CO., LTD.

1514 Kawano-cho, Shikokuchuo, Ehime 799-0195 TEL: 0896-58-0111 FAX: 0896-58-2864  
<https://www.kawanoe.co.jp> Founded: Nov. 1944 Capital: 50 M yen President: Takahiro Shinohara  
 Employees: 220 Businesses: Manufacture of paper machines, paper processing machinery, finishing machines, etc.  
 Offices: Tokyo\*Fuji Factories: Shikokuchuo (Kawanoe, Mishima, Yoki) Revenue: 7,638 B yen (as of July 2019)

## Environment-and-goods-friendly cranes



Since the development of RH cranes in 1965, this company has been creating cranes on a fully-customized basis, complying with each users' individual requirements as to the nature of the cargo they handle, lifting capacity, operating radius and so on. Their large-size cranes, which are equipped with inverter control for the first time in Japan, have significantly increased the efficiency of cargo handling. Their "tire-mounted multi-purpose large cranes" can move freely on the quay with the tires run by a driving engine and thus expand the possibilities of cargo handling. Their automated device to open and close a pit cover has been attracting attention as well.



### Obe Machinery & Engineering co., Ltd.

2-14-1 Kikumoto-cho, Niihama, Ehime 792-0801 TEL: 0897-33-5141 FAX: 0897-33-9142 <http://www.obe.co.jp/>  
 Founded: Sept. 1914 Capital: 78.87 M yen President: Kotaro Obe Employees: 140 Businesses: Manufacture of various cranes; contract production of roller-coasters and other amusement machines; maintenance of various types of plants Offices: Kashima, Wakayama Revenue: The annual turnover about 3.5 B yen

## Technology that makes use of sharpened blades



Giken Kohki manufactures and sells strand cutters for cutting resin strands using carbide rotating blades, with a maximum available blade length of 1,000 mm. The company's forte is the manufacture of cutting blades for industrial use, and they provide only high-quality products by making use of an integrated production system that includes everything from selection of materials to heat and surface treatment, brazing and more. The company can carry out precision machining for difficult-to-machine materials in various shapes, and their grinding technology is particularly advanced, giving them the ability to perform advanced curved-inner-surface shaping and other such work. Giken Kohki has received much praise for its ultra-precise, high-quality manufacturing.

### GIKEN KOHKI CO., LTD.

798-1 Shimobun, Kinsei-cho, Shikokuchuo, Ehime 799-0111  
 TEL: 0896-56-4535 FAX: 0896-56-4569 <http://www.giken-kohki.co.jp>  
 Founded: Apr. 1968 Capital: 50 M yen President: Masahiro Miyazaki  
 Employees: 55 Businesses: Design and manufacture of industrial cutlery, precision machinery components, resin pelletizers, labor-saving machinery, and cutting apparatus  
 Office: Yamada Factory Revenue: 950 M yen (as of Mar. 2019)

## Manufacturing that takes the user's viewpoint into account

Company operations focus primarily on pharmaceutical manufacturing industry water equipment and processing equipment for injection products.

The company utilizes its wealth of accumulated experience to design and manufacture products that meet customer's various design requirements, including the "pure steam" energy-efficient generator device that employs a rising and falling film evaporator system to provide a stable steam supply; distilled water production equipment that is the first in Japan to use coils, and has been patented for its compact size and excellent performance; equipment that combines various types of devices; and more.



### Clean Mechanical Co., Ltd.

100-1 Minatoshinchi, Saijo, Ehime 793-0046 TEL: 0897-58-3611 FAX: 0897-58-3612  
<http://www.clean-m.com> Founded: Apr. 1999 Capital: 12 M yen President: Mitsuko Murata  
 Employees: 30 Businesses: Manufacture of pharmaceutical and Medical Offices: Osaka, Kanto  
 Revenue: Non-disclosure

## Greatly Reduced Time for Obtaining Precision in Metal Bar Cutting

The manual digital measuring device "Digi Pitat" was born as a reaction to feedback from metal bar cutting sites such as: "a tape measure cannot guarantee precision," "the scribing takes too long," and "NC machines cost too much." By simply attaching it to a metal saw, anyone can use it easily, and the cutting precision and work efficiency improves greatly. By simply sliding a measurement mechanism with a digital display, this product can be adjusted at the 0.1 mm level. This device is an innovative product that supports today's manufacturing sites required to produce small quantities of various products.



### Kan Mechanical Industry Inc.

2278-1 Minamiyoshidamachi, Matsuyama, Ehime 791-8042  
 TEL: 089-965-0665 FAX: 089-965-0651 Founded: Sep. 1963 Capital: 20 M yen President: Eiji Kan  
 Employees: 12 Businesses: Wholesale and retail of various high-pressure gas, welding materials, tools, machine tools, transmission devices, welding jigs, and etc., production and sales of shape steel inverters and manual digital rulers Revenue: 638 M yen (as of Feb. 2016) <http://www.kankikai.co.jp>

## Cutting-edge facilities with overhead travelling crane systems

This company started their business as a subcontract factory for Sumitomo Heavy Industries Ltd. Since then, their facility has grown to a factory where large structures can be manufactured. By efficiently utilizing equipment like floor-type horizontal boring machines, they carry out consistent production processes like plate working, machining, coating/painting and assembly.

This company's main products are overhead travelling cranes and jib cranes such as ladle cranes for steel mills and cranes with hoisting beams for shipyards. Both their tire-mounted jib crane and its roll-on delivery method (after full assembly) are highly evaluated by their customers.



### SANKO MACHINERY CO., LTD.

6-6-50 Takihama, Niihama, Ehime 792-0893 TEL: 0897-46-0315  
 FAX: 0897-46-1107 <http://www.akagane.net/sankokikai/> Founded: Apr. 1968 Capital: 50 M yen President: Yukio Ono Employees: 35 Businesses: Production/construction of various materials handling machine, overhead travelling cranes, loading equipment, industrial machinery, construction machinery, and processed parts for large size machinery Revenue: Non-disclosure



## Immediate automatic protein synthesis technology

In response to developer demand for increasingly diverse types of drug molecules, CellFree Sciences has developed a human protein array containing approximately 20,000 human protein types by leveraging their company-owned wheat cell-free protein synthesis technologies and human DNA cloning library (one of the world's largest) together with proprietary, in-house-developed protein nondenaturing stabilization technology. Currently, the company provides, in the form of application services, comprehensive interaction analyses for proteins and a range of drug candidate molecules (compounds, antibodies, peptides, nucleic acids, etc.) in order to support customers' research and development efforts.

### CellFree Sciences Co., Ltd.

3 Bunkyo-cho, Matsuyama, Ehime 790-8577  
TEL: 089-925-1088 FAX: 089-925-1099 <http://www.cfsciences.com/>  
Founded: July 2002 Capital: 95 M yen President & CEO: Satoshi Ozawa  
Employees: 16 Businesses: ① Manufacture and sale of protein synthesis reagents/devices and consignment synthesis ② Licensing-out of the search technology for drug discovery and drug discovery seeds ③ Manufacture and sale of protein-array  
Revenue: Non-disclosure



SUGOWAZA

## Helping to develop the next generation of synthetic fibers



SUGOWAZA

During the melt-blowing process, melted thermosoftening plastic (thermoplastic) material is discharged from numerous nozzles via high-speed hot air blowing and formed into ultra-fine fibers, which are blown onto a net-pattern conveyor to form a nonwoven fabric sheet. MB-T100SW is an incredibly compact testing machine that can be used for nonwoven fabric sheet R&D as well as development for plastic-related applications and so forth. It can be readily installed in very small spaces, and touch-screen operations enable easy setting of conditions and other variables. (Note: The photograph above depicts an MB-T100 laboratory-use compact melt-blowing testing device.)

### Shinwa Industrial Co., Ltd.

2798-71 Minamiyoshida-machi, Matsuyama, Ehime 791-8042 TEL: 089-973-6251 FAX: 089-973-6355  
<http://www.shinwa-cc.co.jp/en> Founded: Sep. 1964 Capital: 45 M yen President: Masami Murai  
Employees: 150 Businesses: Manufacture of melt- and wet-spun synthetic fiber production equipment, melt-spun nonwoven fabric production equipment, etc. Offices: Matsuyama, Toon, Tabuse-cho in Kumage-gun, Yamaguchi Revenue: 2.8 B yen (as of Apr. 2016)

## Food-product-field slicer technology that you can see

This company has designed and manufactured a wide assortment of cutting machines for various material properties and metals during their time as an engineering company. When they received a customer request to develop a cheese slicer for product demonstration sales purposes, they succeeded through trial-and-error in the creation of a compact food slicer capable of cutting cheese, meat, processed seafood, fish cake and other products into slices ranging from 0.1 mm to several millimeters in thickness and then dropping the slices into a clear receptacle box. Utilization of this equipment to put on performances for customers to watch can greatly increase product sales. The company explores ways to expand into new fields as well.

### Sigma Kikaku Co., Ltd.

841-6 Omachi, Saijo, Ehime 793-0030  
TEL: 0897-47-1008 FAX: 0897-56-7474  
<http://www.sigmakikaku.co.jp>  
Founded: Jan. 1986  
Capital: 6 M yen President: Shinichiro Akahi  
Employees: 7  
Businesses: Manufacture and design of machinery and equipment  
Revenue: Non-disclosure



SUGOWAZA



## Leading-edge technologies, facilities and proposals

This company makes use of advanced technological capabilities and cutting-edge facilities for unique manufacturing operations in a wide array of fields encompassing textile machinery manufacturing, welfare and medical care equipment, food product equipment manufacturing and others. Most companies simply make products based on the blueprints they receive from customers; Japan Steel Techno proposes more efficient manufacturing and work processes, provides technical solutions to customer problems, and otherwise satisfies customer needs through proprietary approaches. Japan Steel Techno's stainless steel model of "Dogo onsen Honkan" the main building in Dogo Hot Springs—a model that has become something of a company symbol—received the Technical Award at a Ministry of Health, Labour and Welfare technology fair. This model resulted from a combination of masterful skill and state-of-the-art technologies.



### Japan Steel Techno Co., Ltd.

2798-64 Minamiyoshida-machi, Matsuyama, Ehime 791-8042  
TEL: 089-974-3333 FAX: 089-974-3335 <http://www.j-stc.co.jp>  
Founded: Oct. 1989 Capital: 10 M yen President: Seicho Wake  
Employees: 19 Businesses: Laser machining, precision steel plate working, pipe machining, various welding operations, baking finishing, assembly, trial manufacturing Revenue: Non-disclosure



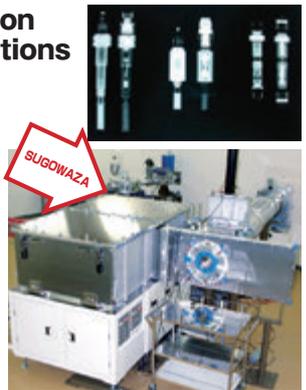
SUGOWAZA

## Completely unique cyclotron usage in industrial applications

Based on the numerous successes achieved within the Sumitomo Heavy Industries (SHI) Group, most of this company's business activities are focused on the areas of radiological technology services, inspection and diagnostic engineering, and technorsearch. They offer examinations, diagnostics, nondestructive inspections, analyses, and development support by utilizing unique technologies centering on cyclotron usage. These include "semiconductor wafer ion irradiation services" in which wafers are exposed to light ions with the goal of achieving faster switching speeds, and neutron radiography testing to reveal damage that cannot be seen using x-rays, both of which are attracting attention from various fields.

### SHI-ATEX, Co., Ltd.

1501 Imazaikae, Saijo, Ehime 799-1393 TEL: 0898-65-4868 FAX: 0898-65-4547 <http://www.shiei.co.jp/>  
Founded: Oct. 1979 Capital: 200 M yen President: Masahiro Akiyama Employees: 149  
Businesses: Comprehensive engineering utilizing unique technologies based on nondestructive testing and radiation technology as well as successive testing-and-research facility evaluations  
Offices: BO and Office in Niigama, Radiation Control Service Center (Kyoto), Yokosuka, Kurashiki, Fukuoka  
Revenue: 2,330 M yen (as of Mar. 2015)



SUGOWAZA

## Providing useful proposals based on reliable mixing tank results and technologies

The MAXBLEND® high-performance mixing device developed independently by this company is utilized as a continuous stirring vessel-type reactor, which is the heart of the manufacturing process. It has been widely adopted in the chemical, pharmaceutical and food product industries, and it has also garnered high praise among academic circles within Japan and abroad, receiving the Technical Award from the Society of Chemical Engineers, Japan. This product's advantages include (1) compatibility with a wide range of viscosities, (2) complete blending in a short period of time, (3) excellent heat transfer characteristics, (4) high solid-liquid dispersion characteristics, and (5) stable operation in regard to fluid surface changes. It has been introduced in production processes for numerous everyday products, ranging from polycarbonates and other high-performance polymers to highly water-absorbent polymers for disposable diapers, rubber for eco-tires, etc.

### Sumitomo Heavy Industries Process Equipment Co., Ltd.

1501 Imazaikae, Saijo, Ehime 799-1393  
TEL: 0898-64-6396 FAX: 0898-64-6977  
<http://www.shi-pe.shi.co.jp/> Founded: Feb. 1987 Capital: 480 M yen  
President: Takashi Okada Employees: 242  
Businesses: Design, manufacture, installation and repair of chemical and general-purpose machinery  
Offices: Tokyo BO, Iizuka Revenue: 10,586 B yen (as of Mar. 2016)



SUGOWAZA

## Handling everything from design to document management

Top System utilizes its own unique integrated production system, which covers everything from design to manufacture, to [produce medical-use water processing equipment and other products](#). In-depth consultations and discussions with customers are possible thanks to the company's use of 3D CAD technology to create images that enable confirmation of plant flow from the design stage onward.

Trial operation of finished products is conducted in the plant, results are documented and stored as evidence, and product quality is guaranteed. The company also checks conformity according to a schedule and produces complex documents such as manuals.



### TOP SYSTEM Co., Ltd

3-70 Hiuchi, Saijo, Ehime 793-0003  
TEL: 0897-52-1910 FAX: 0897-52-1912 <http://www.topsystem.jp>  
Founded: Oct. 1999 Capital: 24 M yen President: Tatsuo Mori  
Employees: 40 Businesses: Design, processing, and installation management of pharmaceutical mechanical equipment, energy-saving equipment, etc. Offices: Yokohama, Osaka, Shanghai  
Revenue: 1.212 B yen (as of Aug 2016)

## DAIO ENGINEERING CO., LTD

General machinery



### Using technology to decrease the environmental load



**DAIO ENGINEERING CO., LTD**  
930-2 Muramatsu-cho, Shikokuchuo, Ehime 799-0401  
TEL: 0896-23-9129 FAX: 0896-23-9238  
<http://daio-eng.co.jp>  
Founded: July 1972  
Capital: 60 M yen  
President: Shinichi Fukushima  
Employees: 500  
Businesses: Engineering of environment-related equipment; manufacture and sale of electronic devices  
Offices: Head factory, Tokyo, Odawara, Osaka, Gifu  
Revenue: Non-disclosure

This company uses technologies and products that reduce the burden on the environment [by sorting out mixed plastics that have not been utilized efficiently until now with great precision \(99% or higher\)](#) and utilizing wind sifters to promote reuse, utilizing processing equipment that enables disposal of used paper diapers as general waste, utilizing equipment that recovers industrial waste as economical solid fuel with a high calorific value, etc.

The company uses its technologies in various fields, including recycling, biomass utilization, air and water purification, energy conservation and others.

## Daisho Tekkosho Co., LTD

No.1 Japan

General machinery

### Our sheet product manufacturing lines are comprehensive

Daisho Tekkosho boasts [the greatest number of unit sales in Japan for specialized paper manufacturing equipment](#). The company employs advanced technology in all areas from design to production, which is put to good use in the production of non-woven fabrics, film and other paper products made with ultra-thin papermaking materials. Inclined wires and other types of manufacturing equipment support high quality and reliability in all production processes while satisfying customer needs, for stable production of top-quality products.

In 2008, Daisho Tekkosho received the Good Company Award, which is given to excellent companies in recognition of business operation rationalization, technological development and other such factors.

### Daisho Tekkosho Co., LTD

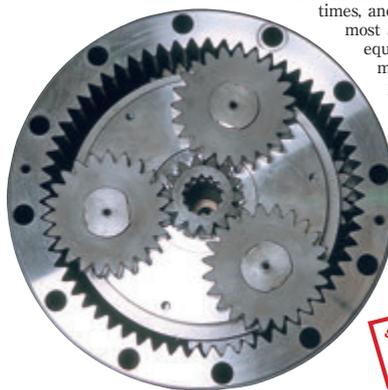
910 Kawano-cho, Shikokuchuo, Ehime 799-0101 TEL: 0896-58-0123 FAX: 0896-58-0126  
<http://www.daisho-iv.com/pc/> Founded: May 1959 Capital: 20 M yen  
President: Yoshimasa Fukuzaki Employees: 120 Businesses: Design, manufacture, and sale of production equipment for sheet products such as special paper, nonwoven fabric, and films Office: (HQ·Factory) Shikokuchuo Revenue: 8.2 B yen (as of July 2019)



## Sogabe Ironworks Ltd.

General machinery

### Gears are the driving force behind the world's power



The mechanism behind gears has been utilized since prehistoric times, and even today it plays an important role in even the most advanced modern technologies. Sogabe Ironworks is equipped with a wide array of processing equipment and manufactures various types of construction machinery parts with a central focus on gear design and production.

Sogabe Ironworks' [supplies planetary reduction gears](#), an important component and the company's leading product, [to major construction machinery manufacturers](#). Approximately 30% of Hydraulic excavator worldwide contains this key product. The company plans to expand its efforts to the wind power generation and water treatment equipment fields.



### Sogabe Ironworks Ltd.

1-4-25 Ashima, Niihama, Ehime 792-0896 TEL: 0897-67-1700 FAX: 0897-67-1702  
<http://www.sogabe-iv.jp> Founded: Jan. 1935 Capital: 10 M yen  
President: Ken-ichi Sogabe Employees: 109 Businesses: Manufacture of construction machinery parts; manufacture and assembly of gear reducers for construction machinery, and various parts for ironmaking equipment  
Offices: HQ Ashima Factory, Minatomachi Factory Revenue: 3.855 B yen (as of June 2018)

## DAIKI AXIS CO., LTD.

General machinery

### Realize environmentally friendly lifestyles through local production for local consumption of biomass



DAIKI AXIS, the precursor to DAIKI, has taken the lead in developing a number of industry-first products in the field of wastewater treatment, including lightweight yet sturdy FRP (fiber-reinforced plastic) septic tanks.

In 2002, the company achieved commercial application ["D-Oil," a biodiesel fuel made with used tempura oil and other oils](#). Although oil and water are completely different substances, this product was originally conceived based on the idea of recycling used cooking oils in order to protect aquatic environments. Furthermore, the company successfully developed an even higher-quality "D-Oil N" product in 2009.

DAIKI AXIS makes full use of its advanced technologies to cultivate a better future environment for human beings and the earth.

### DAIKI AXIS CO., LTD.

1-9-1 Misawa, Matsuyama, Ehime 791-8022 TEL: 089-927-2222 FAX: 089-927-3335  
<http://www.daiki-axis.com> Founded: July 2005 Capital: 1,983.29 M yen President: Hiroshi Ogame  
Employees: 747 (consolidated basis: as of Dec. 2018) Businesses: Design, installation, and maintenance and upkeep of various types of wastewater treatment equipment; manufacture, sale, design and installation of various plastic-made products, etc.; sale and installation of various construction materials and household facilities/equipment; refining and sale of biodiesel fuels using plant-based cooking oils as well as sale of refineries for such fuels; production and sale of drinking water Revenue: 36.2 B yen (consolidated basis: as of Dec. 2018)

## Daiwa Packaging Systems CO., LTD

No.1 Japan

General machinery

### Implementing the world's fastest fully-automated carton formers

We handle the design, construction, and sale of carton formers (corrugated cardboard-cover wrapping machines), sealing machines, casers, palletizers. [Our high speed horizontal build case maker](#), which we sell to large beverage producers, [can process 60 cases per minute—the fastest in Japan—and it operates 24 hours a day](#).

Using the knowhow and the production experience we have cultivated over the years, we have actualized the shortest planning time within the industry, from the proposal stage to manufacture and setup stages. We provide reliable products, and our customer base is expanding beyond the food industry to online sales, pharmaceuticals, paper products and more.



### Daiwa Packaging Systems CO., LTD

2034 Kitagawara, Masaki-cho, Iyo-gun, Ehime 791-3131  
TEL: 089-984-4432 FAX: 089-984-4877 <http://www.daiwa-eng.com>  
Founded: Dec. 1990 Capital: 30 M yen President: Shingo Nakaya  
Employees: 46 Businesses: Manufacture of various cardboard exterior equipment, cardboard carton former, sealing machine, case packing machine, and palletizer. Offices: Tokyo, Osaka, Nagoya  
Revenue: 2.092 B yen (as of May 2019)

# SUGO WAZA

## FUJIKOSO INC.

General machinery

### Giving shape to dreams and ideas through comprehensive technological strength

In order to meet the needs of customers in a variety of fields, this company handles everything from planning and manufacturing to installation and construction for automated labor-saving devices. They make full use of their strengths in areas including visual recognition and sensor technologies to develop and introduce a wide range of automated production equipment geared especially toward high-precision and/or small-sized parts.



Formerly, the company focused primarily on equipment for consumer appliance, electronic devices, and automotive and electronic component industries. However, they are currently advancing into new industries by utilizing their accumulated know-how, their experience providing products in various fields, and the strengths of their hardware and software design technologies.



**FUJIKOSO INC.**  
2309 Azadan-Otsu Sunouchi,  
Toon, Ehime 791-0312 TEL: 089-960-6370 FAX: 089-960-6371  
<http://www6.plala.or.jp/fc/> Founded: Nov. 1990 Capital: 50 M yen  
President: Tsukasa Fujikoso Employees: 65  
Businesses: Design and manufacture of automated labor-saving production equipment Offices: Toon  
Revenue: 1,238 B yen (as of May 2018)

## NIPPON CAREER INDUSTRY CO., LTD

No.1 Japan General machinery

### A revolutionary slicer that achieves energy-efficient operations

Nippon Career Industry's "Bending Slicer A to Z" was the first to achieve practical implementation of thin slicing of pork loin, pork round and other such meat in the positive temperature range, and it also positions the meat in rows after slicing it in two.

Touch panel controls can be used to line up the appropriate number of slices for each pack, the sliced surfaces are smooth, and waste meat that results in loss is minimized. This groundbreaking slicer improves safety, conserves energy usage, enhances product quality and improves ingredient yield rate.

**NIPPON CAREER INDUSTRY CO., LTD**  
980-5 Higashihabu-machi, Matsuyama, Ehime 791-8043  
TEL: 089-973-6311 FAX: 089-973-6353 <http://www.nippon-career.co.jp>  
Founded: May 1975 Capital: 40 M yen President: Suguru Mitani Employees: 107  
Businesses: Manufacture of production machinery and equipment  
Office: Tokyo, Chubu, Osaka, Kyushu Revenue: 2.61 B yen (as of July 2019)



## Matsuyama Kigata Inc.

General machinery

### Manufacturing that combines digital and analog approaches



Integrated production that includes everything from prototype development to mass-production part machining: Matsuyama Kigata's Machining Center is one of the largest in Shikoku with over 120 pieces of equipment, including more than 70 NC (numerically controlled) lathes.

The company combines digital and analog approaches in its flexible product manufacturing approach, one of which involves having skilled workers first create wooden mockups and then using 3D data to produce chemical wood molds using NC machines. Matsuyama Kigata also devotes great efforts to the pursuit of fundamental technologies and product development in order to meet a wide range of customer demands, striving to become a company that can always offer new ideas.

**Matsuyama Kigata Inc.**  
163 Horie-cho, Matsuyama, Ehime 799-2651 TEL: 089-978-1622 FAX: 089-978-1639  
<http://www.matsuyamakigata.co.jp> Founded: Mar. 1947 Capital: 10 M yen President: Kenji Nonaka  
Employees: 142 Business: Manufacture of general machinery and equipment Revenue: Non-disclosure

## Frasco Co., Ltd

General machinery

### Specialized machining for orders as small as one part

Frasco is able to procure and cut more than 20 types of stainless steel, as well as approximately 200 different types of materials not specified in JIS. One of the company's strong points is its ability to perform high-end machining that meets precision requirements of  $\pm 10$  micro-scale units, and they possess high-performance facilities and technologies to meet the strict quality-related demands of large-scale semiconductor manufacturers. The company can carry out screw-thread cutting to meet unique specifications, and they can even handle ultra-small-diameter machining with a mean radius of 4 mm including dovetail grooves used in vacuum seals.

**Frasco Co., Ltd**  
3743-2 Iloka, Saijo, Ehime 793-0010 TEL: 0897-56-7482  
FAX: 0897-56-6534 <http://s-frasco.com>  
Founded: Jan. 1973 Capital: 10 M yen  
President: Koichi Fujiwara Employees: 20 Business: Design, manufacture, and assembly of semiconductor manufacturing equipment parts, vacuum-related parts, and automated machinery Revenue: 420 M yen (as of Sep. 2016)



## MANABE ZOKI CO., LTD

General machinery

### Adoption of inverter control in shipboard deck cranes for the first time worldwide



This company handles the design, manufacture and sales of shipboard deck machinery (winches), cargo cranes and more. They purchase only the materials needed for production and carry out integrated manufacturing, machining, assembly and inspection operations in-house.

In 2001, MANABE ZOKI successfully applied conventional inverter-controlled electric deck machinery technology for the first time in Japan, and by 2012 they had installed this deck machinery on more than 200 ships. Furthermore, in 2009 they adapted their electric deck machinery technology to successfully apply inverter control in an electric-hydraulic cargo crane for the first time worldwide. Moving forward, the company plans to focus their efforts on fully electric cranes.

## MANABE ZOKI CO., LTD

337-8 Ko, Takabe, Imabari, Ehime 799-2113  
TEL: 0898-41-9217 FAX: 0898-41-6568 <http://www.manabezoki.co.jp>  
Founded: Mar. 1960 Capital: 30 M yen President: Mitsuo Manabe  
Employees: 220 Business: Manufacture of deck machinery and loading equipment for ships Offices: Tokyo BO, 3 factories in Ehime (Imabari, Saijo), 1 factory in Kagawa (Kanonji) Revenue: 7.34 B yen (2016)



## Hagiokikai Co., Ltd.

General machinery

### "Workmanship" that supports the latest medical treatment with large and high precision devices



Take the example of one long blade with the unusual cutting edge: Using such a product will result in the problem of bending due to the product's own weight.

However, Hagio Kikai shows its true artisanal expertise by taking this into consideration and manufacturing the product with pre-strain built into the design.

We have received high acclaim in the industry for our ability to create precise flat planes on the body of large-sized, malleable steel products, used for cyclotrons, which are used in the latest technology for cancer treatment. We boast of a precision of  $30\mu\text{m}/5\text{m}$  for large-sized highly precise processing.



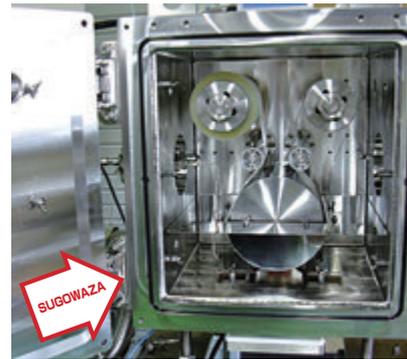
**Hagiokikai Co., Ltd.**  
1-17 Matsunoki-cho, Niihama, Ehime 792-0868  
TEL: 0897-32-2700 FAX: 0897-33-4818 <http://www.hagiokikai.jp>  
Founded: July 1982 Capital: 25.45 M yen President: Koichi Hagio  
Employees: 35  
Business: Manufacture of power distribution equipment for airtight containers; manufacture and assembly of industrial machinery parts (steel manufacture, heavy equipment, ships etc.); manufacture of components for civil engineering machinery and construction machinery Revenue: 700 M yen (as of June 2015)

# SUGO WAZA

Youth Engineering Co.,Ltd.

General machinery

## Flexibility through vacuum roll-to-roll processing



This company develops compact and economical sputtering equipment prototypes capable of depositing thin metal film onto plastic substrates at high speeds using roll-to-roll processing. By altering the film transport system, high-speed deposition is possible for PET and other film types with low thermal resistance. Two gas lines are available, enabling deposition of oxide films through reactive sputtering. This technology is expected to be applied to production of display-related products, photovoltaic cells, OLEDs, etc.



Youth Engineering Co.,Ltd.

1-6-22 Shinden-cho, Niihama, Ehime 792-0003  
TEL: 0897-33-5730 FAX: 0897-37-3630 <https://youtheng.co.jp/>  
Founded: Jan. 1978 Capital: 45 M yen  
Representative Director and President: Keizo Ikeda  
Employees: 130 Businesses: Design and production of automated machinery and electronics; design and production of information management systems; production of documents such as instruction manuals and service manuals Offices: Yokohama, Osaka, Matsuyama, Sendai Revenue: 3.169 B yen (as of Dec. 2019)

MARUYASU Inc.

No.1 Japan General machinery

## Unique and innovative technology giving birth to new patents



Pressurized cleaning equipment (SP, MP) can peel off attached scorched resin without causing any damage to the object. Scorched resin or plastic are attached to the screws or dies of the equipment for casting or molding, and cleaning requires a lot of labor. Conventionally, they scraped, scrubbed, or threw hard foreign matter against it for cleaning, only to hurt, scorch further, or mix foreign matter into the product. You can clean the object in this equipment with the cleaning liquid so that it doesn't get damaged and you can finish cleaning in such soft power as wiping with a towel.



MARUYASU Inc.

16-32 Toyama-cho, Niihama, Ehime 792-0823 TEL: 0897-47-6010 FAX: 0897-47-6011  
<http://e-maryasu.jp> Founded: Mar. 1976 Capital: 50 M yen President: Masae Nomura  
Employees: 24 Businesses: Development, manufacture, and sale of labor-saving equipment (mixing machine, cleaning equipment, recycling machine) for molding resin  
Revenue: 580 M yen (as of Mar. 2019)

Yamasei. Co., Ltd.

General machinery

## Manufacturing that utilizes IT and masterful techniques



Yamasei. Co., Ltd.  
5-31-1 Oguri, Matsuyama, Ehime 790-0036  
TEL: 089-931-2251  
FAX: 089-931-5252  
<http://www.v-yamasei.co.jp>  
Founded: Jan. 2012 Capital: 10 M yen  
President: Hedekane Kurach Employees: 146  
Businesses: Manufacture of general machinery Revenue: Non-disclosure



With a primary focus on automotive press dies and resin dies, Yamamoto Manufacturing's dies department provides complete technical support for everything from production process planning to design, trials and start-up of actual production. The company has direct business dealings with automotive makers in Japan and overseas, undertaking cutting-edge manufacturing operations throughout its global network. Yamamoto Manufacturing actively implements IT to achieve short delivery times, high quality and low costs. They also develop dies for CRFP (carbon fiber-reinforced plastic), a new super-strong, lightweight material that contributes to energy savings.

Miyata Iron Works Co., Ltd.

General machinery

## Manufacturing large-scale machinery and equipment



Utilizing its unique factory—one of the few in Shikoku equipped to handle the manufacture of large machinery—this company receives orders from major companies in the heavy industry field and manufactures steelmaking, papermaking and hauling equipment and other types of large-scale manufacturing machinery, making use of a production process that includes everything from planning to assembly. Each of the company's versatile workers is highly skilled in cutting, welding, assembly and other machining and processing techniques, and the company is highly regarded by its customers for its dedicated approach to manufacturing and high-quality products.

Miyata Iron Works Co., Ltd.  
1004-1 Ikeda, Tanbara-cho, Saijo, Ehime 791-0508  
TEL: 0898-68-7024  
FAX: 0898-68-7051  
<http://www.myt.biz-web.jp>  
Founded: Dec. 1954  
Capital: 45 M yen  
President: Kenji Miyata  
Employees: 40  
Businesses: Manufacture of papermaking machines, iron- and steel-making equipment, conveyors, etc.  
Revenue: 800 M yen (as of Sep. 2014)

MIURA CO., LTD

No.1 Japan General machinery

## A wide range of products, from boilers to water processing equipment

Aiming to be customer's best partner for energy, water and environment, the company is constantly developing products designed in consideration of the environment with global-scale applicability. By utilizing advanced proprietary technologies, the company pursues and achieves a wide range of products that place priority on the environment through energy and resource conservation. Aside from product manufacture and sales, the company also focuses on on-line maintenance and other business operations. Miura has received a number of prestigious awards in recognition of its advanced technical innovations for reducing CO2 and NOx emissions, etc.



MIURA CO., LTD

7 Horie-cho, Matsuyama, Ehime 799-2696  
TEL: 089-979-7019 FAX: 089-979-7126 <http://www.miuraz.co.jp>  
Founded: May 1959 Capital: 9.54 B yen President & CEO: Daisuke Miyauchi  
Employees: 2,991 Businesses: Manufacture of general-purpose machinery and industrial equipment Offices: Matsuyama, Tokyo, Osaka, and about 100 places  
Revenue: 143.645 B yen (as of Mar. 2020)



Yokozaki Manufacturing Company Ltd.

General machinery

## A company offering made-to-order sorters



Yokozaki Manufacturing Company Ltd.  
199-57 Ushibuchi, Toon, Ehime 791-0213  
TEL: 089-955-0711 FAX: 089-955-0712  
<http://yokozaki.com>  
Founded: Aug. 1982 Capital: 20 M yen  
President: Kumi Yokozaki Employees: 30  
Businesses: Manufacture and sale of sorting machines  
Offices: Uwajima, Sapporo  
Revenue: 500 M yen (as of Jan. 2014)

are just some of the ways that the company caters to individual customer needs. In response to customer calls for even higher precision, the company has developed innovative balances that not only improve weighing accuracy, but also feature enhanced durability. They have also reduced maintenance workload.

## Manufacturing that utilizes comprehensive, integrated design

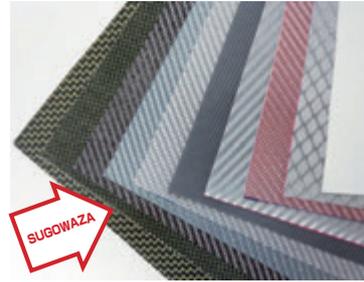


**Wintec Co., Ltd.**  
1022 Masekawa, Toon, Ehime 791-0314  
TEL: 089-955-8822 FAX: 089-955-8824  
http://www.wintec-japan.jp  
Founded: Mar. 1981 Capital: 10 M yen  
President: Sadao Dabamoto Employees: 17  
Businesses: Production of electric machinery  
Revenue: Non-disclosure

This company's machines, which are used in place of human labor in manufacturing plants, operate based on comprehensive and integrated design. The company provides superb factory automation equipment, utilizing their ability to meet all customer needs and provide top-notch finishing and support. The HAW web guiding system, a vital component in sanitary product manufacturing lines, accounts for an overwhelmingly large domestic market share because it is maintenance-free so it won't break down, it is extremely easy to operate, and its settings can be completed in a short amount of time. Wintec's products are supported by the "WinWin Association," a collaboration between more than 30 different companies involved in parts manufacturing, metalworking and other fields.

The company's products have received CE marking to enable sale in the EU, so increased sales in Europe are expected.

## Product Development Using Super Low Viscosity Thermoplastic Resin



A thermoplastic prepreg with excellent strength and toughness has been developed, which solves the problems with conventional fiber-reinforced plastic (FRP). In addition, it achieved the world's first success in using one mold for simultaneously performing three steps: polymerization, forming, and outsert molding (molding other resin simultaneously) for matrix resin. This makes it possible for the product to be used in precision equipment and medical equipment that FRP cannot accommodate. Currently development and production is aiming for a low cost with high quality based on knowledge accumulated through electronic equipment development that is the company's basic industry.

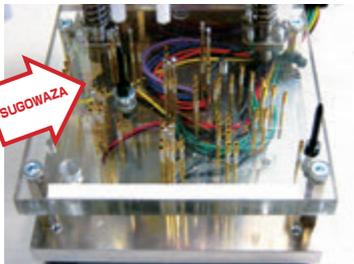
### Apprize Inc. / Aprise Co., Ltd.

651-4 Akeyashiki, Saijo, Ehime 793-0023 TEL: 0897-52-1652 FAX: 0897-52-1653  
Founded: June 1998 Capital: 16 M yen President: Motoyoshi Sogabe Employees: 27  
Businesses: Development and production of electronic devices, production of molds, molding and secondary processing of resin Revenue: 450 M yen (as of Mar. 2016)

## Developer of high-precision systems, customized to satisfy customers' needs

This company develops and produces various kinds of hardware and software in compliance with the requirements of their customers. As to hardware, they develop and manufacture circuit boards for off-the-shelf devices, inspection devices, and jigs for industrial use. This company also develops commercially-supplied equipment such as battery protection circuits, camera mounting, and color LCDs. In addition, they manufacture a variety of inspection devices for the production process control of these products.

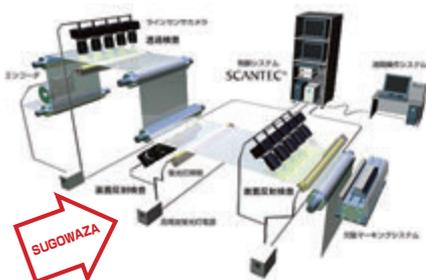
As to software, this company develops software for business applications such as database packages for order and cost control and technical data analysis packages. Regarding software for production processing, they develop system control packages for image inspection devices with built-in cameras and for measurement/inspection, as well as firmware for embedded devices. This company meets each requirement from their customers covering both hardware and software consistently and meticulously.



### MCOT Co., Ltd.

1-5-12 Yoghigashi, Matsuyama, Ehime 790-0044 TEL: 089-973-2901 FAX: 089-973-4805  
http://www.mcot.co.jp/ Founded: Dec. 1993 Capital: 10 M yen President: Tatsuya Yamamoto Employees: 14  
Businesses: Manufacture of equipment for professional use Revenue: 150 M yen (as of Oct. 2016)

## Surface Defect Inspection Device Using Image Processing Technology



MD Technos is a group of engineers that support all kinds of factory automation and performs an integrated production system from development to design, production, installation, and maintenance of liquid crystal/semiconductor/electric part/automobile/medical products. By detecting damage and foreign material after importing images through the line sensor, various inspection devices that use image processing technology can perform accurate total inspections in a short time. The device is also capable of sample evaluation and inline tests, and provides an inspections system best suited for the customer's production line such as installing and assembling miscellaneous equipment.

### MD Technos Co., Ltd.

357-3 Minato, Saijo, Ehime 793-0046  
TEL: 0897-52-5211 FAX: 0897-52-5222 Founded: March 2003  
Capital: 10 M yen President: Eizo Doi Employees: 20  
Businesses: Design and production of various production devices using mechatronics techniques and inspection devices using image processing technology Revenue: 360 M yen (as of March 2017)  
http://www.md-technos.com



## Pursuing more compact designs through value-added features



EX primarily focuses on development and manufacturing for jacks, connector units and other types of electric signal connection components. In many products, waterproofing jacks and similar connection

components contributes to better waterproofing for the main product overall; adding new features and functionalities in this way creates greater product value.

EX handles everything from design, parts manufacturing, product assembly, and parts installation/embedding through to design and creation of jigs, tools and inspection equipment, all using an integrated in-house framework. The company is capable of providing discrete parts as well as integrating auxiliary parts into larger units.

### EX Co., Ltd.

4-6-2 Kuko-dori, Matsuyama, Ehime 791-0054 TEL: 089-973-2711 FAX: 089-973-2880  
http://www.exjapan.com Founded: Oct. 1971 Capital: 50.01 M yen  
President: Kazushi Fujii Employees: 41 Business: Development and manufacturing of electric signal connection components and electric power source jacks for consumer appliances and industrial equipment  
Offices: Osaka Sales Office, Tokyo Sales Office, Kumihama Plant Revenue: 1.29 B yen (as of Sep. 2019)

## Coil-winding technology—the backbone of motive power generation



This company possesses excellent skills and technology in making wound electromagnetic motors, which are crucial for every source of motive power. They have developed their business with a focus on the manufacture of special-use electromagnetic coils and the maintenance of industrial motors. The maintenance department staff have high technical abilities capable of addressing any problems with motors made by other manufacturers.

In response to the current direction of manufacturing in Japan where many motor makers have been relocating production overseas and depleting Japan's coil-winding experts, they train their young employees thoroughly to help them acquire skills. This is one of their efforts to offer high-quality products and excellent service to their customers.

### lio Electrics Co., Ltd.

1554-1 Hagyu, Niihama, Ehime 792-0050 TEL: 0897-55-8122 FAX: 0897-55-2548  
Founded: Apr. 1947 Capital: 10 M yen President: Takashi Iio  
Employees: 22 Business: Manufacture and repair of heavy electrical machinery Offices: Saijo port factory  
Revenue: Non-disclosure

## High-tech LED lighting from Ehime

Ever since the March 2011 Fukushima Daiichi Nuclear Power Plant accident in Fukushima, people have begun to question the safety of nuclear power generation while facing energy shortages in Japan. As part of energy-saving measures, OBU has been developing, manufacturing and selling LED lighting products in an effort to contribute to society.

The company's seamless, large-sized, internally-illuminated LED signboard products prevent shadows and give off naturally vivid light. Aside from adopting straight-tube LED lights to drastically reduce energy consumption compared to standard lighting products, the company has also developed under-shelf lighting to clearly illuminate products display arrangements. OBU provides consultations on and proposals for the introduction of LED lighting in offices, shops, commercial facilities, etc.



**OBU Inc.**  
2070-1 Ko, Higashigata, Matsuyama, Ehime 791-1123  
TEL: 089-963-5127  
FAX: 089-963-5128  
http://www.obu-inc.co.jp/  
Founded: Aug. 2003  
Capital: 10 M yen

President: Masashi Okada  
Employees: 80 (as of Sep. 2012)  
Businesses: Development, manufacture, sale and installation of LED lighting products; PCB mounting and assembly; development, design, manufacture and sale of electronic devices  
Offices: Matsuyama, Uwajima, Marugame in Kagawa  
Revenue: 380 M yen (as of May 2015)



## An electronics think tank that understands customer needs

Operating out of the industrial city of Niihama, Cyber handles electronic design, software design, control design and manufacturing, and more as part of its efforts in automation and labor efficiency improvements for manufacturing equipment and machinery. One product type developed by the organization is its automated hardening-time measurement equipment, which measures hardening time for thermosetting resin by utilizing the common agitation approach. They have developed and patented a meter used to detect hardening progress via torque.

Although this electronics think tank organization is small, it has drawn significant attention from various fields for its ability to meet advanced needs.



### Cyber Co., Ltd.

1-8-21 Nakamura Matsugi, Niihama, Ehime 792-0041  
TEL: 0897-40-6633 FAX: 0897-40-6641  
http://www.aono.co.jp/cyber/  
Founded: Dec. 1968 Capital: 50 M yen  
President: Kazuyuki Kawabata Employees: 47  
Businesses: Software development; design and production of electronic circuitry  
Revenue: 450 M yen (as of Mar. 2015)



## High Quality Control Boards Using Reliable Technology

Okada Electric Corporation started as a provider of electrical work for middle and small scale paper factories, and grew by responding to all kinds of customer needs related to factory automation. Through years of accumulating experience and technology, the company is an expert in design, manufacturing, and installation of paper factories, drainage processing plants, and control boards for factory machinery and plants that need complicated controlling. The company is one of the few in Japan that holds the technology for designing and manufacturing switchboards that adhere to international standards in various countries across the globe. The company provides a high quality system that solves the problems that customers have.



### Okada Electric Corporation

2-20-2 Mishimaasahi, Shikokuchuo, Ehime 799-0403 TEL: 0896-23-4188 FAX: 0896-24-7578  
Founded: June 1948 Capital: 96 M yen President: Jun Akiyama Employees: 63  
Businesses: Design and installation of electrical equipment, design and production of automatic control devices, design, production and sales of computer related products, production and input of computer programs, etc.  
Revenue: 1.9 B yen (as of Aug. 2019) http://www.okadadenki.com

## System Development using Cutting-edge Technology

This company has dealt with a significant number of image-recognition systems and has developed applications of Neural Network modeling the mechanism of cranial nerves, and various kinds of identification algorithm. Complex recognition, which was unachievable with conventional computers, is now possible. Applying this technology, they have developed "Banknote sorter" and "Medal identifier". They have also created a system to control motors playing a vital role in home electric appliances and manufacturing machinery. With efficiency, they continue to offer innovative systems and products in the rapidly-changing technological industry.



### System LSI Co., Ltd.

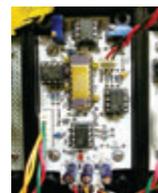
E-22 Item Ehime, 2-1-28 Okaga, Matsuyama, Ehime 791-8057  
TEL: 089-968-3090 FAX: 089-968-3099 http://www.syslsi.com/ Founded: June 1998  
Capital: 20 M yen CEO: Kazuhiro Nakaura Employees: 15 Businesses: ① LSI design & hardware development, ② Development of built-in-system type LSI software, ③ Consulting on LSI development, ④ Application Software development, ⑤ Others  
Offices: Matsuyama Revenue: Non-disclosure



## Accelerate state-of-the-art medicine Gas-phase method nucleolytic degradation/decontaminant "Biovector"®

The new, highly advanced technology anticipated in medical treatment: vaporized nucleic acid resolution technology (Patent: granted 2 in Japan and in 5 countries, under examination in 3 countries). Conquers in a very short time the problems that existed in prior technology, such as nucleus contamination, spread of the antibacterial spectrum, and germ-free control. Uses Sealive technology to make a controllable, sterilized DNA/RNA-free environment. Is being developed for anticipated use in medical treatment and sterilized pharmaceutical sites (research paper in preparation for submission).

In the field of space science, the company also developed with a highly reliable design and technology, for electronic circuits, substrates, functional modules and other components installed in observation satellites and other types of scientific satellites.



### Sealive Inc.

2151-10 Ojoin, Niihama, Ehime 792-0060 Toyo Industrial Creative Center  
TEL: 0897-66-1085 FAX: 0897-66-1082 http://www.sealive.co.jp  
Founded: Feb. 1995 Capital: 20 M yen President: Yasushi Suzuki Employees: 5  
Businesses: Technical support for development of electronic products and development orders; electronic circuit design; PC board design; ASIC design; development, manufacture and sale of electronic measuring equipment, etc. Revenue: 80 M yen (as of Aug. 2016)



## Actively taking on difficult-to-machine materials

Tanaka Giken's strength lies in its ability to cut difficult-to-machine inconel, lath panels and other nickel alloy materials used in aircraft engines, gas turbine parts, etc.

The company also handles ultra-high-precision micro-fabrication for prototype products, including measuring devices installed in medical equipment and space-science-related equipment. They possess advanced technology for difficult three-dimensional forming, and their workers choose from hundreds of cutting tools and skillfully use their five senses, including sense of sight, hearing and smell, to operate machinery and perform cutting operations.



### Tanaka Giken Co., Ltd.

433-1 Ko, Dannoue, Saijo, Ehime 799-1313 TEL: 0898-66-4011 FAX: 0898-66-4022  
http://www.tanakag.co.jp Founded: Nov. 1990 Capital: 30 M yen President: Masao Tanaka  
Employees: 98 Businesses: Manufacture of electronics, semiconductor equipment parts, aircraft parts, and medical equipment parts Offices: Kuwamura Factory, Hojo Factory  
Revenue: Non-disclosure

# SUGO WAZA

Nishiki Densoh Co., Ltd.

Electric machinery

## Combining advanced steel fabrication and control technologies



Nishiki Densoh Co., Ltd.

6-6-35 Takihama, Niihama, Ehime 792-0893 TEL: 0897-46-0394 FAX: 0897-46-2438

<http://www.g-nishioka.co.jp>

Founded: July 1983 Capital: 10 M yen  
President: Kei Nishioka Employees: 45  
Businesses: Manufacture of control panels and switchboards for large equipment such as cranes and various industrial machines, integrated production from design to final inspection by cooperation with our affiliate company: Nishioka Ironworks Co., Ltd. Revenue: 727 M Yen (as of May 2018)

Nishiki Densoh Co., Ltd. was created when the electric controller division of Nishioka Ironworks, Ltd. was spun off as an independent company, and it handles thin-plate fabrication and coating operations for the now-affiliated Nishioka Ironworks. Moving forward, Nishiki Densoh aims to serve as a systems development company, providing both hardware manufacturing services as well as software control-field services.

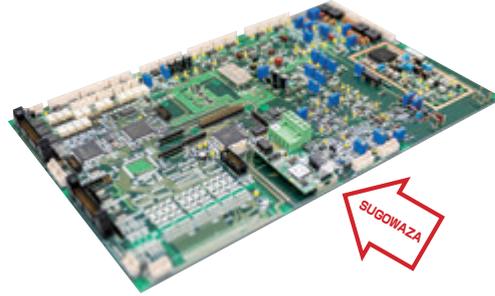
The product in which unit-type control panel for large-sized cranes was included pictured below is an excellent example of one product produced by combining the strengths of both companies: thin-plate fabrication and control technology.



TECHNO MAGIC Co., Ltd.

Electric machinery

## Sophisticated technology capabilities used to control electric current for special electromagnets



TECHNO MAGIC Co., Ltd.

Ko-1502-1 Doicho-ueno, Shikokuchuo, Ehime 799-0721 TEL: 0896-29-5555 FAX: 0896-75-1057

<https://technomagic.jp>  
Founded: July 1999

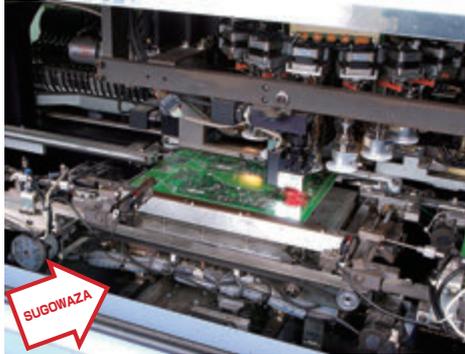
Capital: 3 M yen  
President: Eiji Sogabe  
Employees: 30  
Businesses: Electric and electronic circuit design, pattern design, electrical equipment design, electric workplace manufacturing for the electric power industry Revenue: 320 M yen (as of FY 2019)

TECHNO MAGIC develops and manufactures integrated control equipment for a varied range of special power sources used to power cyclotron electromagnets, superconducting magnets and similar. With more than 20 years of manufacturing experience and reliable technologies, the company is equipped to design both analog and digital circuits, provide pattern designs that optimally utilize both circuit types together, and conduct tests using power sources. Thanks to their outstanding capabilities, TECHNO MAGIC plays an important role in the medical and manufacturing-equipment industries.

Nippon System Group Co., Ltd.

Electric machinery

## Electronic goods supported by cutting-edge technologies



Nippon System Group Co., Ltd.

6-22 Hiuchi, Saijo, Ehime 793-0003 TEL: 0897-52-1508 FAX: 0897-52-1509

<http://www.nmgr.co.jp>

Founded: Mar. 1990  
Capital: 10 M yen  
President: Shinobu Bunno  
Employees: 50

Businesses: Manufacture of electronic parts, devices, and Cosmetics  
Revenue: Non-disclosure

The Nippon System Group develops compact charging units for wireless handheld terminals used primarily by eating and drinking establishments. Because charging units are connectable with each other, the appropriate number can be used accordingly for both small- and large-scale establishments.

The company also utilizes in-house clean room equipment and technology to perform processing of optical film used in TVs, mobile phones and other devices, making use of unique know-how accumulated through years of experience to provide high-quality products. In addition, they recently began production of high-quality factory-grown vegetables.

PHC Co., Ltd.

No.1 Japan

Electric machinery

## Creates new values for those who wish good health



PHC creates new values for those who wish good health. Panasonic Healthcare's sensors for household-use blood glucose measurement systems, which enable easy checking of blood sugar levels at home, are in high demand on the market, accounting for the top market share in Japan among domestically made sensors. Panasonic Healthcare developed a new type of enzyme, which is not affected by substances in the blood that normally interfere with accurate measurements, for use when measuring via the sensor. This enables easy glucose-level checks that are both accurate and quick.

PHC Co., Ltd.

2131-1 Minamigata, Toon, Ehime 791-0395 TEL: 089-960-2111 FAX: 089-966-6006

<https://www.phcd.com>

Founded: Nov. 1969

Capital: 7,973.3 M yen

President: Kyoji Morimoto

Employees: Approx. 2,300

Businesses: Manufacture of medical electronic machines and appliances  
Offices: Matsuyama, the capital region, Waki-machi, and Gunma, Osaka, and others  
Revenue: Non-disclosure

HOKUTO Inc.

No.1 Japan

Electric machinery

## A unique development group serving as leaders of our time

Hokuto's unique product line has garnered trust from customers in the marine products field: the company's strength lies not only in its product performance, but also in its staff, a highly unified group specialized in various fields with high-level development and customer response capabilities. The company's specialty is brushless DC motors, but it also develops a wide range of other products.

Recently, the company has been moving forward full-pace with improvements to existing products, while also pouring its efforts into commercialization of new products, such as high-efficiency wind turbine generators and dryers that fully utilize the effects of far-infrared radiation.



HOKUTO Inc.

1-5-24 Kuroshima, Niihama, Ehime 792-0892

TEL: 0897-45-3568 FAX: 0897-46-3211

<http://www.hokuto792.com> Founded: Nov. 2005 Capital: 3 M yen

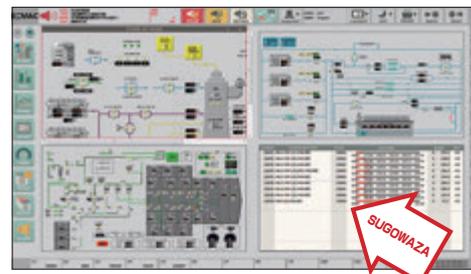
President: Miki Takahashi Employees: 14

Businesses: Manufacture and sale of fish processing machinery and electronic parts  
Revenue: 130 M yen (as of Sep. 2016)

BEMAC Co., Ltd.

Electric machinery

## UZUSHIO Electric Co., Ltd. Realization of smart ships utilizing vessel big data



BEMAC started out in sales and charging of storage batteries for fishing boats, and grew into a general contractor providing electric equipment and information machinery to a large merchant fleet. Currently, the company's products are installed on more than 5,000 marine vessels around the world.

The company's newly proposed ship-to-land information integration system enables land-based offices to make use of information collected via Internet networks from ships using engine monitoring equipment (data loggers). Services for safe ship operation such as preventive maintenance and failure prognosis are provided by using vessel big data.

BEMAC Co., Ltd.

105 Ko, Noma, Imabari, Ehime 794-8582

TEL: 0898-25-8282 FAX: 0898-25-3777

<https://www.bemac-jp.com> Founded: Jul. 1956 Capital: 90 M yen

President & C.E.O.: Masato Oda Employees: 897

Businesses: Land-based equipment for ships, buildings, factories, and facilities, manufacture, sale, and installation of power control, power distribution, and communication devices

Offices: Imabari HQ, Tokyo HQ, Onishi Factory, BO-Osaka, Hakata, EV-Gifu, Amsterdam and others

Revenue: 28.5 B yen (as of Mar. 2019)



# SUGOWAZA

RiverTec Corporation.

Electric machinery

## RTM-series controllers with improved operating-environment durability

RiverTec's RTM series of compact microcontrollers, which have earned high customer trust, are utilized in a wide range of fields for various industrial machines and devices. Their CAN transmission circuits effectively reduce wiring requirements. Furthermore, the company provides microcomputer controllers with excellent waterproofing and dustproofing, high vibration and temperature resistance, and other such design features to users throughout Japan.

RiverTec also handles contracted control panel production, designing electronic control equipment software and hardware in-house and customizing products in accordance with customer needs. They even handle large-sized control panel production, and also conduct sales of electric and electronic components.

RiverTec Corporation.

882-5 Ko, Miyagasaki, Imabari, Ehime 799-1537 TEL: 0898-47-5050 FAX: 0898-47-5055 <http://www.rivertec.co.jp>  
 Founded: Dec. 1990 Capital: 10 M yen President: Yasumasa Kawasaki Employees: 13 Businesses: Development, manufacture, and sale of microcomputer controllers (soft and hard); design and manufacturer of various control panels; processing and sale of wire harnesses; sale of electric control equipment and electronic parts Revenue: Non-disclosure



Rearun Co., Ltd.

Electric machinery

## One-of-a-kind LED lighting designed in pursuit of true originality

Rearun has developed, designed and sold lighting products for many years. Their LED panel light products include embedded-type flat-panel lighting units designed to be the same size as commonly-used decorative plaster ceiling boards. Thanks to high energy efficiency, cost savings and excellent design characteristics, these products are expected to make a major impact on the market. The company's ultra-lightweight LED fluorescent tubes boast a weight of only 150 grams (5.3 ounces)—nearly half that of the standard 290 grams (10.2 ounces) seen in conventional products—and use a polycarbonate tube design that prevents scattering of glass shards upon breakage caused by impact. These fluorescent lights brightly illuminate the entire tube without giving off harsh, glaring light that strains the eyes.



Rearun Co., Ltd.  
 2-7-27 Koizumi, Imabari, Ehime 794-0064  
 TEL: 0898-52-3811 FAX: 089-903-1218  
<http://rearun.com/>  
 Founded: June 2010 Capital: 25 M yen  
 President: Issei Uno Employees: 13  
 Businesses: Development, design, and sales of lighting products; illumination consultant  
 Revenue: Non-disclosure



ASAKAWA SHIPBUILDING Co., Ltd.

Transportation machinery

## Completely unique chemical tankers



Asakawa Shipbuilding's chemical tankers carry various types of liquid chemicals, refined oil products and more. The company was quick to adopt stainless steel tanks—a type of tank whose production management is difficult—which won the company's chemical tankers fame around the world. The company's energy-saving "friend fin" technology, which has been patented for mid- and small-sized ships, reduces rotational flow behind the propeller to improve propulsive efficiency. This technology enables a 6%–8% energy use reduction. It is currently used in nearly 200 vessels, contributing toward more environmentally friendly operations.

ASAKAWA SHIPBUILDING Co., Ltd.

2-4-39 Koura-cho, Imabari, Ehime 799-2111 TEL: 0898-41-9090 FAX: 0898-41-8267 <http://www.asazo.com>  
 Founded: June 1947 Capital: 50 M yen President: Fujito Asano Employees: 127 Businesses: Construction and repair of various kinds of steel vessels Offices: Main Factory, Toyo Factory Revenue: Non-disclosure

IMABARI SHIPBUILDING CO., LTD.

No.1 Japan

Transportation machinery

## No.1 Construction Volume in Japan Total Construction Work Completed: 2,600 Ships

Following the corporate mission "growing with ship owners," Imabari Shipbuilding always ventures to the future and tackle new possibilities in shipbuilding for the new era. Founded in 1901, we have built new ships used in oceans across the globe for over 110 years. Our group owns 10 construction yards and three operation departments in the Seto Inland Sea. With our extensive accomplishments and experience as a shipbuilder, we seek a new transportation system that allows environment friendly, faster, and safer marine transport. Through building various ships that will support marine transport, we will contribute to developing a better society, and tackle new possibilities for shipbuilding for the new era.



IMABARI SHIPBUILDING CO., LTD.

1-4-52 Koura-cho, Imabari, Ehime 799-2195 TEL: 0898-36-5000  
 FAX: 0898-36-5010 <http://www.imazo.co.jp> Founded: Jan. 1942  
 Capital: 30.0 B yen President: Yukito Higaki Employees: 1,640  
 Businesses: Constructions of various kinds of vessels  
 Offices: Imabari, Saijo, Marugame, Hiroshima, Tokyo, and Amsterdam  
 Revenue: 3.911 B yen (as of Mar. 2019)

IWAKITEC CO., LTD.

No.1 Japan

Transportation machinery

## Scale and technique: Hatch covers forging bonds of trust



Iwakitec is No. 1 in container ship hatch cover production volume in Japan. Among the three types this company produces—pontoon type, rolling type and folding type—the pontoon-type hatch covers (for container ships) are highly acclaimed in terms of production quantity and quality. The head office plant is equipped with a large jib crane and other large-scale processing facilities, enabling the manufacture of structural components weighing 500 tons or more. Iwakitec utilizes its integrated manufacturing framework, which encompasses everything from design to after service, as well as its masterful techniques to provide high-value-added products.

IWAKITEC Co., Ltd.

6017 Iwagi, Kamijima-cho, Ochi-gun, Ehime 794-2410 TEL: 0897-75-2121 FAX: 0897-75-3157  
<http://www.iwakitec.co.jp> Founded: Mar. 1957 Capital: 85.8 M yen President: Ichiro Yamamoto  
 Employees: 173 Businesses: Design and manufacture of marine equipment (hatch covers, liftable decks, etc.); hull construction Offices: Innoshima Factory, Mukaishima Factory Revenue: 7.74 B yen (as of Mar. 2017)

Koei Sangyo Corporation

Transportation machinery

## Environment- and earth-friendly eco-engines



Monorail-type equipment is not significantly restricted by topographic features, making it the optimal solution for increasing efficiency and reducing energy use in electric power, communication, civil engineering, agricultural, forestry and other types of work involving transport on sloped surfaces. Monorail equipment installation and removal utilizes the natural terrain itself and can be carried out without damaging the surrounding environment. Furthermore, all monorail equipment manufactured by this company features engines that comply with exhaust gas emission regulations.

Koei Sangyo Corporation

96-1 Miyashita, Iyo, Ehime 799-3102 TEL: 089-983-1414 FAX: 089-983-1416  
<http://www.koei-m.co.jp> Founded: May 1971 Capital: 30 M yen President: Keiichiro O-oka Employees: 60  
 Businesses: Manufacture of transportation machinery and equipment, construction (except for installation) Offices: Kanto (Tochigi), Chubu (Aichi), Kyushu (Kumamoto) Revenue: 1,73 B yen (as of Apr. 2019)

**Progressive shipbuilding that contributes to local communities, the world and the future**



Higaki Shipbuilding possesses unique technologies enabling construction of cargo ships, chemical tankers, LNG carriers, cement carriers and other types of ships, for which they have received high praise both in Japan and abroad. The company's mid-sized transport ships also account for one of the top market shares in their industry.

In 2015, the expansion work of the slip was completed. The company's ship building record of 700 vessels since its founding continues to grow both through a project to build ships that respond to the size increase of inshore boats, and a project to build "eco ships" that take into account recent strict environmental regulations.



**Higaki Shipbuilding Co., Ltd.**  
 1-4-25 Koura-cho, Imabari, Ehime 799-2195  
 TEL: 0898-41-9147 FAX: 0898-41-7322  
 http://www.higaki.co.jp Founded: June 1964  
 Capital: 48 M yen  
 President: Hiroaki Higaki Employees: 10  
 Businesses: Construction and repair of various kinds of steel vessels  
 Offices: head office factory and office, Namikata Factory, Tokyo  
 Revenue: Non-disclosure

**Specialized technological strengths for coastal vessels**



Since their founding, Yano Shipbuilding has developed specialized knowledge and experience used in the manufacture and repair of coastal vessels, earning customer trust through their reliable technologies. They have built approximately 12 new ships and repaired roughly 50, making them one of Japan's leading coastal vessel producers.

Through simplification of production designs and standardization of manufacturing processes, Yano Shipbuilding achieves

shorter delivery times and mass production. Furthermore, they conduct tank tests, hydrodynamic analyses and other tests as part of ship development and improvement processes, and also pursue development aimed at energy-efficiency optimization in their vessels. Currently, the company is searching for collaborative partners among small-boat manufacturers in Southeast Asian countries as part of efforts to further advance shipbuilding both in Japan and abroad.

**Yano Shipbuilding Co., Ltd.**  
 2-4-54 Koura-cho, Imabari, Ehime 799-2111  
 TEL: 0898-41-9368 FAX: 0898-41-9835  
 http://www.yano-ship.co.jp Founded: Oct. 1961  
 Capital: 10 M yen President: Hitoshi Yano  
 Employees: 34 Businesses: New steel-ship manufacturing, ship inspections, ship repairs, others  
 Office: Techno Namikata Factory Revenue: Not available



**Building low-cost, ultra-safe scaffolding**



Conventional scaffolding construction and removal requires large amounts of money and numerous seasoned workers. And because work on scaffolds is dangerous, many workers used to lose their lives every year. In order to solve these problems, this company developed "rack scaffolding." Using this type of scaffolding, inspections and paint repair for bridge piers and buildings, as well as other types of work, can be safely carried out on top of movable platforms. Furthermore, this scaffolding offers the benefit of reduced costs thanks to fewer required materials.



**Yoneyama Agricultural Machinery Manufacturing Co., Ltd.**  
 1279-1 Shioya Nishi, Kitagawara, Masaki-cho, Iyo-gun, Ehime 791-3131  
 TEL: 089-984-6600 FAX: 089-984-6699 http://www.yonekou.jp  
 Founded: July 1961 Capital: 10 M yen President: Tetsuta Yoneyama  
 Employees: 49 Businesses: Construction and manufacture of transportation machinery and equipment, and elevators  
 Offices: Tokyo, Sendai, Nagoya, Osaka, and Fukuoka  
 Revenue: 1.34 B yen (as of Dec. 2017)

**Using QR codes to solve data management problems at once!**

There are approximately 20,000 farmer's markets throughout Japan. We have devised Japan's first producers' direct information management system, which issues price labels from producers and distributes emails about sales information. In 2014, in order to solve the problems of management in an ever-changing farmer's market, we have developed a new system that uses QR codes instead of barcodes, called Shinsanchoku Hanjo-kun. Thus, the system facilitates the settlement process, which was difficult due to the increased number of items, including expiration dates and so on. In addition, we are working on a new service which looks at the farmer's markets as health care bases.



**input Co., Ltd.**  
 2F Heights Matsuyama Building, 1-4-5 Takewara, Matsuyama, Ehime 790-0052  
 TEL: 089-915-0241 FAX: 089-915-0242 http://www.input.co.jp/  
 Founded: Mar. 2012 Capital: 10 M yen President: Hiroshi Ikemoto Employees: 9  
 Businesses: Development and sale of software Revenue: 84 M yen (as of Feb. 2017)

**Consolidated control of medical association administrative operations**

Shikoku System Product's "Top Runner" medical association comprehensive information system software package helps medical associations consolidate their operations. This software consolidates management of association members, medical institutions and more to enable more efficient execution of complicated administrative tasks. Aside from standard log-in IDs and passwords, this product features thoroughgoing security measures, including saving of log-in and log-out history and assignment of user authority. In addition, the system can be customized to fit the individual needs of each medical association.

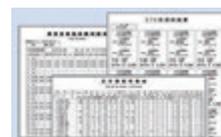


**Shikoku System Product Co., LTD.**  
 6-17-11 Yamagoe, Matsuyama, Ehime 791-8013  
 TEL: 089-924-7080 FAX: 089-922-1387  
 http://www.s-system.co.jp Founded: Apr. 1982 Capital: 10 M yen  
 President: Toru Iwamoto Employees: 14  
 Businesses: Software development Revenue: 150 M yen (as of Mar. 2015)

**Crew labor management and low-cost dynamic management are possible**



NP System brand, e-Tacho® Series, the next-generation hybrid digital tachograph, enables high-performance operation control and low-cost dynamic management by a simple method, using a cloud-based in-vehicle operation management system called Web Chikyu-go®. Proper control of labor management contributes to safety, ecology and cost reduction by creating daily operation reports and warning of unnecessary idling or consecutive operations.



**NP System Co., Ltd**  
 1-9-13 Chuo, Matsuyama, Ehime 791-8015  
 TEL: 089-924-7817 FAX: 089-924-7479 Founded: Jan. 1983  
 Capital: 300 M yen President: Satoshi Shioume Employees: 75  
 Business: In-vehicle operation management systems, transportation business integrated systems, digital tachograph and the development, sales and maintenance support of drive recorders  
 Revenue: 2.5 B yen (as of Mar. 2020)

## Applying IT to highly reliable surveys and work operations



Ever since its founding, Jitsuta has expanded sales in various locations of devices, software and similar products for building construction, surveying, GIS, environmental measurement and other such fields. They also carry out in-house repairs for select measurement devices and environmental measurement equipment. In 2017, Jitsuta developed an effective precision-guidance system for drones that can be used in environments where obstacles prevent reception of GPS information transmissions. This system requires only slight modification to existing drones and uses standard, widely available measurement equipment, thus reducing labor requirements and introduction costs. It also has a number of potential applications in inspections for social infrastructure (which continues to deteriorate), civil engineering utilizing ICT, pesticide spraying as part of precision agricultural operations, and other areas.

### Jitsuta Co., Ltd.

2-8-1 Nakamura, Matsuyama, Ehime 790-0964 TEL: 089-931-7175 FAX: 089-934-7701  
<http://www.jitsuta.co.jp/> Founded: Sep. 1949 Capital: 16 M yen President: Nobuyasu Yamauchi Employees: 44  
 Businesses: Sale of devices for use in the construction, surveying and architecture fields; development and sale of software Offices: Kochi, Takamatsu, Tokushima, Uwajima, Nagoya, Tokyo Revenue: 1.48 B yen (as of July 2018)

## Taiwa Corporation

### Jissun Boshi: a CAD screen with powerful versatility

Jissun Boshi is an integrated system based on a generic CAD engine that has a number of display capabilities, ranging from word-processing, spreadsheet, and DB functions to 3D model construction. Since its launch in 1989, Jissun Houshi has been used mainly by steel factories and design offices throughout Japan. The system's operability and ability to be easily customized to fit individual needs have led to an impressive track record: it currently commands an overwhelming share of the industry and is used by more than 2,000 companies. It also supports IFC, a BIM standard format whose demand is on the rise. Going forward Taiwa plans to promote this technology primarily in three major areas of design, structure, and facility design.



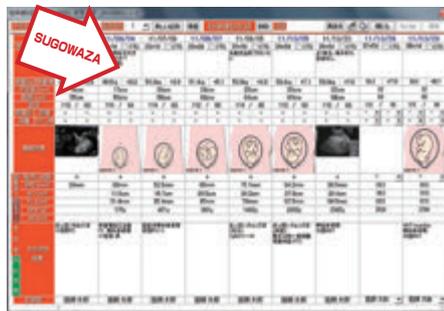
### Taiwa Corporation

4-7 Yagumo-cho, Niihama, Ehime 792-0805  
 TEL: 0897-32-9200 FAX: 0897-32-6699  
<http://www.taiwa.co.jp/index.html> Founded: May 1989 Capital: 50 M yen President: Kenji Kondo  
 Employees: 15 Business: Software development and sales Revenue: 316 M yen (as of Mar. 2019)

## NEWWAVE Co. Ltd.

### An electronic medical chart widely-supported by obstetricians and gynecologists

"f-Kartet", an obstetrics and gynecology specialized electronic medical chart developed by practicing obstetricians and gynecologists, has functions that are truly needed in the medical setting. That is why it is chosen by a large number of clinics. Different from other medical departments, obstetric examination or treatment has its own unique medical process: prenatal checkup, hospitalization, delivery, etc. Therefore, the usual electronic medical charts couldn't provide the support needed for obstetrics. We can say that "f-kartet" is a highly competitive product focusing on a niche market. Its growth is supported by clinics all over Japan from Okinawa to Hokkaido, and we look forward to its future development.



### NEWWAVE Co. Ltd.

1-6-25 Shinden-cho, Niihama, Ehime 792-0003  
 TEL: 0897-33-9801 FAX: 0897-33-9821  
<https://www.newwave98.co.jp/> Founded: Aug. 1984 Capital: 10 M yen Employees: 61  
 Businesses: Development, sales, and maintenance of electronic medical chart system "f-Kartet" for obstetrics and gynecology; system development, equipment sales, and support for medical institution; system development, equipment sales, and support for business enterprise; telecommunication device business; food and beverage business Revenue: 1.24 B yen (as of July 2019)

## Comprehensive support for IT services

Utilizing its abundant experience in systems integration, Pal Software Service takes the customer's viewpoint into consideration to accurately grasp their needs, providing services ranging from information system planning and proposals to program development. The company has gathered together a technical team skilled in both hardware and software fields, who perform everything from LSI design to driver and application development in order to provide customers with optimized, high-quality development services. They can also handle a wide variety of outsourcing work that includes selection and introduction of necessary hardware and software, and maintenance and management for completed systems.



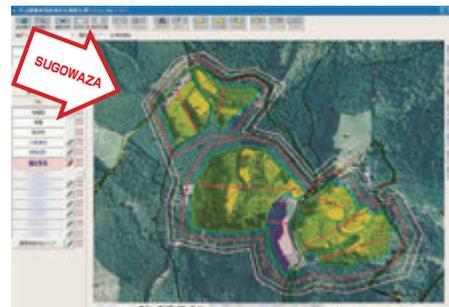
### Pal Software Service Inc.

Dai-2 Kutsuna Building, 3-10-31 Amayama, Matsuyama, Ehime 790-0951  
 TEL: 089-932-7520 FAX: 089-932-7516 <http://www.palsoft.co.jp>  
 Founded: Apr. 1990  
 Capital: 28 M yen President: Masato Ouishi Employees: 67  
 Businesses: Manufacture and sale of computer software and hardware  
 Offices: Tokyo Revenue: Non-disclosure

## OMI Inc.



### Agricultural administration support systems that make use of geographical information systems



OMI's systems create maps for use in municipal/community agreements, implementation area maps, and other such maps required for direct-precipitation systems used in hilly and mountainous areas. These systems also provide centralized management for everything from slope measurements to report creation. Moreover, simplified controls and operations reduce labor required for input and management tasks, making

operations by smaller numbers of employees possible and thus reducing labor costs. One unique aspect of OMI's systems is their support for full operations via tablet devices, which can be used to carry out map display and search operations, measurements, inputs, and even report creation. Moreover, survey results can be recorded and searched onsite, and photographs are linked to their coordinates meaning users don't have to compare photographs and location coordinates manually back at the office. These advantages contribute to reduced labor demand and fewer errors.



### OMI Inc.

909-1 Higashi-Ozu, Ozu, Ehime 795-0064  
 TEL: 0893-25-4213 FAX: 0893-25-1013  
<http://www.omis.co.jp/index.html> Founded: Dec. 1988 Capital: 10 M yen  
 President: Osamu Okawachi Employees: 22  
 Businesses: Geographical information system development, agricultural management support, other Offices: Seiyo, Iyo, Matsuyama  
 Revenue: 160 M yen (as of FY 2018)

## EHIME COMPUTING CENTER CO., LTD.

### Match-making Support System Using Big Data

"Ai Musubi" is Japan's first match-making service that creates a group of similar people from match-making activity data of registered members, and suggests each member a partner that is recommended based on their match-making related activities pattern. The algorithm used is a program made by professor Uno of the National Institute of Informatics. The success rate of formal marriage interviews is more than double the normal rate, and through systemization, the administration cost is reduced, and many benefits including event and interview content management, easy system operation using a cloud system, and easy operation maintenance are provided.

EHIME COMPUTING CENTER CO., LTD.  
 1-11-7 Otemachi, Matsuyama, Ehime 790-0067  
 TEL: 089-941-2226 FAX: 089-941-2285  
 Founded: Apr. 1967 Capital: 96 M yen  
 President: Tateo Ochi Employees: 61  
 Businesses: System development, system integration service, information processing service, development of system devices, temporary staffing, Internet service, etc. Revenue: 2.3 B yen (as of Mar. 2017)  
<http://www.ehime-densan.co.jp>





PC Trend Co., Ltd. IT/tech

## Error-checking using the Pokanon handheld terminal

Careless errors occur on mounting lines. Until now, workers have aimed to prevent chip mounting (SMT equipment) errors through collation checks by reading out loud, but PC Trend's handheld terminals scan one- and two-dimensional barcodes for easier error-checking. Product lot numbers and preparatory work / replacement history data can also be saved on a PC.

The "Pokanon" handheld terminal is a popular, long-selling product that has introduced in more than 500 companies, including some overseas. In addition, the "Pokanon Light" provides easy checking for a wide variety of applications.



**PC Trend Co., Ltd.**  
2151-10 Ojoi, Niihama, Ehime 792-0060 In Toyo Industrial Creative Center TEL: 0897-43-2212 FAX: 0897-43-2213 <http://www.pctrend.co.jp> Founded: Sep. 1995 Capital: 10 M yen President: Shinji Urata Employees: 8 Businesses: Development of FA/OA software; development and sale of various packaged software; technical support related to computer; technical guidance for various PCs; various information-processing services Revenue: Non-disclosure

※The handheld terminal is made by KEYENCE CORPORATION.

Bizunig, Inc. IT/tech

## Digital radio system using smartphone replaces analog radios.

"Mobirea Radio System" can be used anywhere if within range of cellular transmission waves. With Mobirea, no radio license, no base station and no relay station are needed, so you can invest in wireless digitization for little initial cost. The system can pinpoint the location of a vehicle using GPS.

By connecting the system to meters or emergency switches, it can automatically receive information about the vehicle's status, it enhances useful functions with apps and/or devices. For example navigation system, drive recorder and many functions.

Another attractive characteristic is that it can be used in a wide variety of industries, including municipal fire trucks and taxi radio. Patent pending.



**Bizunig, Inc.**

Marugo Building, 3-24 Rokkenya-cho, Matsuyama, Ehime 791-8021 TEL: 089-907-0808 FAX: 089-926-1522

<http://bizunig.jp/> <http://smhm.mobirea.com>

Founded: Jan. 2006 Capital: 25 M yen President: Yasukazu Iwamoto

Employees: 2 Businesses: Consulting, planning, development, sale and maintenance of computer software, hardware and peripherals Revenue: Non-disclosure

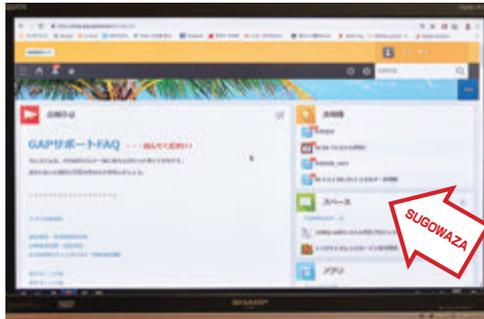


Agricultural Production Corporation Miyamoto Orange Garden Inc. IT/tech

## Support System for Time Consuming GAP Accreditation

Miyamoto Orange Garden grows oranges and other citrus fruits at the Nishiwa district known as one of Japan's top orange producing areas. We sell juices, jellies, and other original products such as "Shio Mikan" (lit. salty orange) used for seasoning.

As a way to enhance our agriculture business, we have obtained global standard certifications: GLOBALG.A.P. and ASIAGAP. We also developed the GAP accreditation support system "MOG-GAP System" to reduce the cost and effort required for certification. The system is readily available through computers and smartphones. We are partnering with agricultural schools, major supermarkets, and the like to promote this system.



**Agricultural Production Corporation Miyamoto Orange Garden Inc.**

388 Kawakamichokawanazu, Yawatahama, Ehime 796-8050 TEL: 089-989-3605 FAX: 089-422-3904 <https://www.orange-garden-inc.jp/> Founded: July 2014 Capital: 25 M yen President: Yasukuni Miyamoto Employees: 10 Business: Production/ processing/ sales of orange and citrus fruits Revenue: Non-disclosure



FINDEX Inc. No.1 Japan IT/tech

## Meeting the demands of sophisticated, leading-edge university hospitals

By closely listening to and following the needs and demands of medical workplaces while making use of systems developed in-house—including DocuMaker for creating documents, the Clao image filing system, and others—FINDEX proposes comprehensive medical document and image filing and management solutions. These enable centralized, unified management of medical reference letters, medical certificates, image results from examinations (echocardiograms, endoscopies, etc.) and other documents and images traditionally handled in handwritten or printed paper formats only.

Because a single FINDEX system can be used to meet the needs of multiple departments, it is possible to introduce highly-effective new systems while keeping initial costs down. The company's systems are installed and used at approximately 80% of all national university hospitals in Japan, and they show great potential for government and corporate document-management applications as well.



**FINDEX Inc.**

4-9-6 Sanban-cho, Matsuyama, Ehime 790-0003

TEL: 089-947-3388 FAX: 089-947-1133 <http://www.findex.co.jp/>

Founded: Jan. 1985 Capital: 249,390,000 yen President: Teruo Albara

Employees: 228 Businesses: Medical systems, office systems, healthcare data

Offices: Tokyo, Shikoku, Osaka, Fukuoka, Sapporo

Revenue: 4.281 B yen (as of Dec. 2019)



Ehime Beverage Inc. Foodstuffs

## β-cryptoxanthin of three mandarin oranges in each drink box



For three years starting in 2010, this company has undertaken research on the functionality of β-cryptoxanthin found in mandarins as part of a technological development project for practical applications under the Ministry of Agriculture, Forestry and Fisheries. During this research project, the company developed technology to further increase concentrations of β-cryptoxanthin in mandarin juice, successfully creating its "POM Ashtano-karada" product containing the same amount of β-cryptoxanthin in one juice box (125 ml) as three mandarins but with only the calories of one mandarin. This product is a direct commercialization of the mandarin juice used in scientific tests to verify the effects of β-cryptoxanthin.

**Ehime Beverage Inc.**

478 Annoj-machi, Matsuyama, Ehime 791-8603 TEL: 089-923-1511 FAX: 089-924-0304

Founded: Apr. 2003 Capital: 675 M yen President: Takuji Yamamoto Employees: 295

Businesses: Manufacture and sale of soft drinks Offices: Tokyo Sales HQ, BOs—Osaka, Nagoya, Fukuoka, three (3) factories Revenue: 22.7 B yen (as of Mar. 2016)

ASAHIKYOHAN CO., LTD. No.1 Japan Foodstuffs

## Steamed whitebait with a focus on freshness

This company sells "Fukushima-san no Kama-age Shirasu" (Fukushima's whitebait cooked in a large kama pot), as well as other processed whitebait products, dried young sardines and more. The whitebait used as these products' main ingredient is caught using 12 fishing boats owned by the company, and various methods are employed on the boats to preserve the freshness of fish that are caught. In the factory, which is outfitted with cutting-edge equipment, there is a steamed whitebait production line (the first of its kind in Japan), a kama-pot-cooked whitebait production line, and more. To preserve the freshness of fish brought in from the port, production processes taking less than an hour.



**ASAHIKYOHAN CO., LTD.**

652-1 Kawanohama, Ikata-cho, Nishiwa-gun, Ehime 796-0611

TEL: 0894-53-0776 FAX: 0894-53-0086 <http://www.shirasu.jp>

Founded: Dec. 1995 Capital: 30 M yen President: Otomo Fukushima

Employees: 150 Businesses: Manufacture of foodstuffs Business

Offices: Matsuyama, Kansai, Tokyo Revenue: 6.25 B yen (as of Mar. 2019)

## Confidence in the freshness of fish and their taste



In order to offer their customers the flavor of small-sized fish, only fresh ingredients have been used to process and season for nearly 45 years. Okabe manufactures safe and high-quality products with the help of thorough quality control. Okabe has also obtained HACCP and ISO9001 certificates.

Another asset of this company is aggressive product development. These efforts include establishing new processing techniques, collaborating with other industries and utilizing new kinds of ingredients.

A snack exclusive factory is enlarged in June, 2018. The seasoning processing technology grown up to now is also applied to farm products processing, and seasoning processing nuts kinds have been started to produce in earnest.



### OKABE CO., LTD.

150 Ichiba, Iyo, Ehime 799-3195 TEL: 089-983-1230 FAX: 089-983-1239  
<https://www.okabe-group.com> Founded: Feb. 1974 Capital: 50 M yen  
 President: Mitsunobu Okabe Employees: 120 Businesses: Manufacture of foodstuffs Offices: Tokyo Revenue: 4.49 B yen (as of Dec. 2019)

## The softness of dried fish—eat everything, including the bones!



This processed seafood product was created using bone-softening technology developed through cooperative industrial, academic, civil and government efforts. Because both suppliers and users can use this food product without worrying about bone hardness, it has been introduced in a large number of facilities for the elderly and meal-providing facilities.

Plans are under consideration to expand this product's use to other facilities, including hospitals and food service industry facilities. In addition, the product is being introduced into school lunches to prevent decline in fish consumption among youth, which further contributes to society in terms of dietary education and promotion of good health.

### Kishimoto Co., Ltd.

693 Ko, Sunouchi, Toon, Ehime 791-0311 TEL: 089-966-6060 FAX: 089-966-6360  
<http://www.kishimoto-web.com> Founded: May 1971 Capital: 23.1 M yen  
 President: Yoshimitsu Kishimoto Employees: 30 Businesses: Manufacture of foodstuffs  
 Revenue: 354.8 M yen (as of Apr. 2016)

## Harnessing the power of fermentation to protect your health

The safe, reliable and high-quality "Rakuren" family of products are made by using locally produced, fresh, raw milk and thoroughly managed for quality and hygiene based on HACCP, TQC and ISO standards.

The 8020 Yogurt and 8020 Nomu Yogurt products were developed based on the L8020 lactic acid bacterium, which was discovered by Professor Hiroki Nikawa, Hiroshima University Faculty of Dentistry. Continuing joint research on lactic acid bacteria is being conducted in cooperation with Ehime University, Okayama University and the Ehime Institute of Industrial Technology.



SUGOWAZA



### Shikoku Nyugyou Corporation

955-1 Minamigata, Toon, Ehime 791-0397  
 TEL: 089-966-1200 FAX: 089-966-1240  
<http://www.rakuren.co.jp> Founded: Mar. 1968 Capital: 2.12 B yen President: Shigeta Wake  
 Employees: 246 Businesses: Processing and sale of milk; manufacture and sale of dairy products and soft drinks Offices: Ehime, Kansai, Kagawa, Kochi, Tokushima Kanto BO Business Development Room  
 Factories: Main Factory, Kyoto Revenue: 18.4 B yen (as of Mar. 2015)

## A world first! Easy and delicious honey sheets

Simply place a Honey Sheet, this unique world-first product, on a slice of bread and heat it for instant honey toast. These sheets are made from honey, butter and agar, which are uniquely blended according to the company's specific ratios, superheated, cooled, shaped and sliced into sheets. The sheets can be placed between slices of bread for an easy-to-make sandwich that is delicious on its own. Furthermore, calories can be calculated easily based on the number of sheets used. The company also manufactures and sells a wide range of other honey-related processed foods.

### Sanbee Foods Co., Ltd.

683-6 Otsu, Taisanji-cho, Matsuyama, Ehime 799-2662  
 TEL: 089-976-6648 FAX: 089-970-4810 Founded: Oct. 2005 Capital: 3 M yen President: Soichiro Nliida  
 Employees: 3 Businesses: Manufacture of foodstuffs  
 Revenue: 10 M yen (as of July 2016)



SUGOWAZA

## Flavorings containing natural taste and savoriness

A pioneer in natural flavorings, this company masterfully utilizes biotechnology to manufacture flavor extract from 100% natural meat and fish ingredients. Beginning with participation in a Ministry of Agriculture, Forestry and Fisheries project in 1988, the company has undertaken development of functional food ingredients with biological regulatory effects that include blood pressure control and improved calcium absorption.

The company achieved HACCP certification in 1998 and implemented a quality control system based on global standards. The company has also been awarded 41 patents, with 63 patents in total if pending patents are included.

### Senmi Ekiisu Co., Ltd.

779-2 Noda, Hirano-cho, Ozu, Ehime 795-0021 TEL: 0893-24-6878 FAX: 0893-23-2092  
<http://www.senmiekiisu.co.jp> Founded: Apr. 1976  
 Capital: 90 M yen President: Katsuhiro Osajima  
 Employees: 135 including group companies  
 Businesses: Manufacture of foodstuffs  
 Offices: Fukuyama Revenue: Non-disclosure



SUGOWAZA



## A flavor and fragrance that surpasses that of raw citrus fruits

"Ka no Ka" is a sugary candy that contains the peel of citrus fruits, which until now were not used effectively as food ingredients. Among citrus fruits produced in Ehime, Iyokan oranges, lemons, and kawachi-bankan pomeles are chosen as ingredients because they are suitable for sugaring. By using a unique sugar candying technique, you can enjoy the moist texture and natural fragrance of the fruit. And it isn't sticky when you hold it with your fingers either.

Only sugar and starch syrup, and vitamin C (acidulant) are used in the candying process, with absolutely no additives. No artificial scents or dyes are used in this product.

### Shindo Shigeharu Shop Co, Ltd.

3797-1 Sangawa, Shikokuchuo, Ehime 799-0431  
 TEL: 0896-25-0313 FAX: 0896-25-2620 <http://www.miyone.com/>  
 Founded: Jan. 1979 Capital: 3 M yen  
 President: Mineo Shindo Employees: 12  
 Businesses: Manufacture and sale of candied peel using hull of citrus, candied ginger, ginger water, etc.  
 Revenue: Non-disclosure



SUGOWAZA



# SUGO WAZA

Nihon Shokken Holdings Co., Ltd.

Foodstuffs

## At the forefront of food culture and blending power

Nihon Shokken Holdings has become a household name through their familiar "Bansankan" yakiniku (grilled meat) sauce commercials. Since the company's founding, their strength has been in their power to develop blended flavoring ingredients. Currently, [the company ships more tare sauce products than any other company in Japan](#), and in recent years they have focused their efforts on the development of commercial-use processed food products, which have proven popular.

The company constantly delivers new information on food culture to society via its world-leading food product manufacturing line and cutting-edge research and development facilities. The Nihon Shokken Holdings premises are home to facilities such as the world's first museum based on the concept of food, and the "KO Palace Plant" where production line tours are available. [In May 2020 they started operations at their second plant, the Schönbrunn Palace Factory, which is designed to look like a royal palace and has drawn widespread public attention.](#)



**Nihon Shokken Holdings Co., Ltd.**  
1-3 Tomitashinko, Imabari,  
Ehime 799-1582  
TEL: 0898-24-1881  
FAX: 0898-24-1631  
<http://www.nihonshokken.co.jp>  
Founded: Feb. 1973 Capital: 4,098B yen  
President: Tetsuya Ozawa  
Employees: 4,787 (group total)  
Businesses: Manufacture, sale, and research/development of blended condiments and processed food; strategy planning and management of businesses as a holding company  
Offices: 308 domestic BOs, 39 overseas BOs in group total Revenue: 118.6 B yen (as of Sep. 2019; group total)



SUGOWAZA

Maeda Co., Ltd.

Foodstuffs

## Rye grown in Ehime Prefecture for healthier living

Maeda developed its "Hadakamugi-batake no Fuwafuwa Pan no Moto" (Rye Field Fluffy Bread Mix) and "Hadakamugi-batake no Pancake Mix" (Rye Field Pancake Mix) [products using rye from Ehime Prefecture, Japan's top producer of the crop](#). Rye contains 4 times the dietary fiber of brown rice and 24 times that found in white rice, making it easy to take in daily quantities of dietary fiber required for healthy living (20-25 grams).

In addition, the company utilizes oxygen in glutinous wheat and black soybeans to create natural GABA (γ-aminobutyric acid) from glutamic acid. This GABA is used to make "GABA Gohan no Moto" (GABA Rice Mix) and "GABA Kinako" (GABA Roasted Soybean Flour), which facilitate easy intake of naturally derived GABA. Home and office versions are available for both of these products.



**Maeda Co., Ltd.**  
1059 Ko, Kakihara, Uwajima, Ehime 798-0027  
TEL: 0895-22-2221 FAX: 0895-20-1125  
<http://www.an-maeda.co.jp/>  
Founded: Jan. 1961 Capital: 25 M yen  
President: Kosaku Maeda Employees: 29  
Businesses: Manufacture and sale of food products Revenue: Non-disclosure



SUGOWAZA

YAMAKI Co., Ltd.

No.1 Japan

Foodstuffs

## Particular about the quality of dried bonito and soup stock

Since its establishment in 1917, Yamaki has been striving to manufacture the best dried bonito and soup stock—the very basics of Japanese cooking—paying close attention to their quality. [Yamaki has been a market leader with comprehensive product lines of dried bonito and soup stock](#). Their wide variety of products include flaked bonito, flavor seasonings, and liquid seasonings, allowing the customers to enjoy every aspect of bonito flavors.

Yamaki is very particular about the manufacturing & processing methods of dried bonito and applies the ice temperature maturation method and airtight packaging in order to extract and maintain its flavor.



SUGOWAZA

**YAMAKI Co., Ltd.**

1698-6 Kominato, Iyo, Ehime 799-3194  
TEL: 089-982-1231 FAX: 089-983-3212  
<http://www.yamaki.co.jp> Founded: Apr. 1917  
Capital: 100 M yen President: Yoshihiro Kido  
Employees: 710 (as of Apr. 2016) Businesses: Manufacture of foodstuffs  
Offices: (Division, Sales and Marketing Division, Business) Tokyo, Sapporo, Sendai, (BOs) Nagoya, Osaka, Hiroshima, Shikoku, Fukuoka, and 8 other business offices Revenue: 45.8 B yen (as of Mar. 2019)



Hassui Kamaboko Co., Ltd.

Foodstuffs

## Fish paste products that can be easily reconstituted by hot water

Instant ramen ingredients and other such foods are conventionally air-dried and sliced into spiral shapes for use as food products, but it is difficult to reconstitute them even by using hot water. As a result, kamaboko fish-paste loaf, chikuwa tubular fish-paste cakes and other such ingredients lose much of their original texture and feel.

That was why, this company [developed new freeze-dried chikuwa, fish dumplings and other such ingredients](#). These products show improvement in problematic aspects of air-dried foods, as they can be easily reconstituted by hot water and the original firm texture found in fish paste products can be restored.



SUGOWAZA



**Hassui Kamaboko Co., Ltd.**  
1-242-4 Kawanoishi, Honai-cho,  
Yawatahama, Ehime 796-0201 TEL: 0894-36-3500  
FAX: 0894-36-3155 <http://www.hassui.jp>  
Founded: Sep. 1957 Capital: 30.69 M yen  
President: Hitoshi Tomikubo Employees: 140  
Businesses: Manufacture of fish paste products  
Offices: Oita Revenue: Non-disclosure

Matsushita Kaisan Co., Ltd.

Foodstuffs

## Everyday KOTTA ("strong bones") to compensate for insufficient calcium intake

"KOTTA" refers to a paste made by finely mashing fresh fish (bones and all) raised and caught in the Uwa Sea, and it also refers to processed food products made using this paste as the main ingredient. [Through high-temperature high-pressure processing, fish can be reduced to paste while depleting only a small amount of its nutritional content](#). In addition, the company also offers freeze-dried powders that can be added easily to food and drinks. Either of these product types is easy to work with, enabling use in wide variety of applications including school lunches and meals for elderly care facilities. Their breadcrumb-coated fried hamburger steaks with sea bream or yellowtail added, sea bream cream croquettes, and other processed food items can be cooked straight from their frozen state and laid out on the dining room table in no time, earning the company high praise from its customers.



**Matsushita Kaisan Co., Ltd.**  
1097 Tonoe, Akehama-cho, Seiyu,  
Ehime 797-0112  
TEL: 0894-65-1718 FAX: 0894-65-1600  
Founded: Oct. 1986 Capital: 3 M yen  
President: Manabu Matsushita  
Employees: 12 Businesses: Processing and sale of marine products Revenue: Non-disclosure

SUGOWAZA

Marutomo Co., Ltd.

No.1 Japan

Foodstuffs

## Developing technology that contributes to everything from food products to the environment



SUGOWAZA



Marutomo is an established manufacturer that celebrated its 100th anniversary in 2018. Our popular "Premium Dried Bonito" use shavers with a carefully selected blade. [This one of a kind premium product uses 1.5 times tastier dried bonito shavings that are thinned to 25 microns](#). We have also signed the "Forest CSV Activities Agreement" with the Forest Fund of Ehime to help protect our forests.

**Marutomo Co., Ltd.**

1696 Kominato, Iyo, Ehime 799-3192 TEL: 089-982-1151 FAX: 089-983-5480 <http://www.marutomo.co.jp>  
Founded: Nov. 1918 Capital: 100 M yen President: Hitoshi Imai Employees: 517 Businesses: Manufacture of foodstuffs  
Offices: Tokyo Sales HQ, Sapporo, Sendai, Utsunomiya, Nagoya, Osaka, Hiroshima, Shikoku, Fukuoka 13 Liaison offices, 5 Ehime factories, 1 Sendai Factories, Seoul Overseas BO. Revenue: 22.2 B yen (as of Mar. 2019)

# SUGO WAZA

**Fujika Inc.** No.1 Others

## Stage effects? Leave it to FUJIKA.

Fujika is one of the largest producers in the field of commercial party goods, handling a wide range of products for events such as firecrackers, tickertapes, candles, and other party knick-knacks for professional use. Fujika's sales and planning departments join forces to constantly generate ideas and to develop novelties. They excel in creativity to propose new products and plans for stage effects while meeting the requirements of the customers regarding their taste and budget.

Fujika carries out strict production control in pursuit of high quality products to enhance stage effects of important ceremonies for their customers.

**Fujika Inc.**  
823-2 Sawamatsu, Kihoku-cho, Kitaauwa-gun, Ehime 798-1367  
TEL: 0895-45-2468 FAX: 0895-45-1411 <http://www.f-fujika.co.jp>  
Founded: Dec. 1985 Capital: 10 M yen President: Takahiro Kaneko  
Employees: 20 Businesses: Manufacture of party firecrackers, tickertapes, ornamental balls, party knick-knacks for professional use, planning & stage-managing of fireworks festivals  
Revenue: 700 M yen (as of Mar. 2015)



**KANEKO Co., LTD.** No.1 Others

## Bringing smiles to people's faces through exceptional planning strength

Kaneko boasts leading market shares both in Japan and abroad as a manufacturer of party crackers. They utilize their outstanding planning capabilities and technology to manufacture and sell safe party crackers that can be used free of worry. Aside from standard crackers that can be used at house parties and other such events, the company offers a rich assortment of cracker products to liven up weddings and other occasions. The company also manufactures and sells other types of party goods, including kusudama paper balls, "Omoshiro Nage Tape" flying streamers and hitodama light-up party goods that resemble will-o'-the-wisps, as well as fireworks to light up the night sky in the summer.

**KANEKO Co., LTD.**  
141-1 Ibuki-cho, Uwajima, Ehime 798-0025  
TEL: 0895-25-1112 FAX: 0895-24-6998  
<http://www.p-kaneko.co.jp> Founded: June 1969  
Capital: 20 M yen President: Yasuhisa Kaneko Employees: 60  
Businesses: Manufacture of gunpowder product  
Offices: Matsuyama BO Revenue: 1 B yen (as of Jan. 2017)



**OCHI INDUSTRIES CORPORATION** Others

## Applying tent technology based on original ideas to new fields



Ochi Industries is superior to other companies in the tent industry with its outstanding product development capabilities and unique sales channels. The more than 60 regularly updated patents from this company (including international patents) provide an example of their unique creative capabilities. The company boasts a revolutionary line of assembly products that can be set up by anybody in a short amount of time, and their "Hirobiro Kukan King Tent" (wide-and-spacious king tent), "All-Aluminum 60-Second Tent" and other products are widely utilized for events and outdoor applications. Ochi Industries plans to utilize the techniques cultivated through tent-making to expand to the disaster-prevention and medical fields in the future. The company's novel ideas and advanced technical capabilities are making a major impact.

**OCHI INDUSTRIES CORPORATION**  
2-7-90 Sakurai, Imabari, Ehime 799-1522  
TEL: 0898-48-5651  
FAX: 0898-48-8626  
<http://kok-no1.co.jp>  
Founded: Nov. 1979  
Capital: 31.86 M yen  
President: Kai Ochi  
Employees: 30  
Businesses: Various outdoor tents, food equipment, medical equipment, products related to disaster prevention and indoor events  
Revenue: Non-disclosure

**Sakawa Printing Co., Ltd.** Others

## Exceptional technologies enable printed media that is hard to differentiate from the real thing

The technology enabling Sakawa Printing's thick, raised 2.5D printing using UV-curing inkjet printers has won numerous prizes. By faithfully preserving the original image while achieving textures and coloration as close as possible to the real thing, this technology delivers not only photo-realism that makes viewing printed media a treat, it also re-creates textures to add the joy of physically "feeling" printed media as well. The Ehime Fish Calendar is a perfect example of this impressive printing technology. Featuring the red sea bream (Ehime's prefectural fish), the octopus and other sea creatures, the calendar's printed images convey a sense of three-dimensionality as well as slick textures, the sheen of scales and more, all in pursuit of greater expressive potential.



**Sakawa Printing Co., Ltd.**  
6-21 Toiya-cho, Matsuyama, Ehime 791-8018  
TEL: 089-925-7471 FAX: 089-925-7464  
<https://www.sakawa.co.jp/> Founded: Dec. 1947 Capital: 10 M yen  
President: Masazumi Sakawa Employees: 82 Businesses: Advertising, printing, digital printing, Internet/IT and video production Offices: Nan'yo Sales Headquarters, Ozu Office, Uwajima Office, Toyo Office, Matsuyama Plant, Yoshida Plant Revenue: Not available

**Seki Co., Ltd.** Others

## Environment Friendly Water-based Flexographic Printing / Process



Seki uses water-based flexographic printing / process for soft packaging that includes little volatile organic compounds (VOC) in its ink, and the amount of ink applied is less than half compared to gravure printing. No VOC means no combustion treatment, which leads to a great reduction in CO2 emissions. 95% of soft packaging use gravure printing today, but this involves various environmental issues and health issues for the workers due to residual solvent, residual odor, and the use of solvent type adhesive for laminating. Environmentally friendly and safe water-based flexographic printing is the printing and processing technology of the future.

**Seki Co., Ltd.**  
7-7-1 Minatomachi, Matsuyama, Ehime 790-0012  
TEL: 089-945-0111  
FAX: 089-932-0860  
<https://www.seki.co.jp>  
Founded: July 1908  
Capital: 1.217 B yen  
President: Hiroataka Seki  
Employees: 290  
Business: Printing  
Revenue: 8.8264 B yen (as of Mar. 2018)

**Forest Crew Co., Ltd.** Others

## Northern European windows and doors that provide comfort even at -30°C/-27°F



One of Japan's few log house builders, Forest Crew imports entire high-quality material sets directly from Finland. They make use of close relationships built up over the years with local window-making factories to build windows, doors and other housing elements suited to Japan's climate, customs and traditions. The company's unique wooden windows and doors, made with triple-pane glass for high airtightness, have undergone JIS A 4710-based thermal insulation testing (designed for such openings in houses/buildings) and been proven usable in Japanese housing. These products exhibit performance on par with leading global products while maintaining prices nearly equivalent to those of standard domestic wooden sash windows/doors made and sold in Japan. They also fully customizable in terms of size, form, color, etc.

**Forest Crew Co., Ltd.**  
3007-1 Kamibayashi, Toon, Ehime 791-0223 TEL: 089-989-0607 FAX: 089-989-0608  
<http://www.forestcrew.com> Founded: Jan. 2008 Capital: 6 M yen President: Hiroki Murakami  
Employees: 3 Businesses: Importing/exporting, installation and sale of Northern European houses and Finnish log houses; importing and installation of fully-customized Finnish wooden sash windows and doors; others Revenue: 120 M yen (as of Dec. 2017)

## Inter-industry collaboration for pesticide-free, artificial-light growing of functional vegetables



Berg Earth is an agribusiness company whose activities center on the production and sale of vegetable seedlings. A JASDAQ-listed corporation, they boast the leading domestic market share in Japan for seedling grafting and release one innovative product after the

next, refusing to limit themselves to traditional approaches and concepts. As a government-recognized "verification-project company for establishing cutting-edge agricultural models via agriculture-finance collaboration," in fiscal 2015 Berg Earth developed low-cost growing equipment that uses only artificial light. By working together with steelmakers, light sources manufacturers and other such producers, Berg Earth has achieved systems providing stable, pesticide-free growing environments and production throughout the year, enabling production of functional vegetables and seedlings. For full-artificial-light, low-cost vegetable seedling cultivation equipment, you can count on Berg Earth!

### Berg Earth Co., Ltd.

88-1 Tsushimacho-kitanadako, Uwajima, Ehime 798-3361 TEL: 0895-20-8231 FAX: 0895-32-6183  
<http://www.bergearth.co.jp> Founded: Jan. 2001 Capital: 331,494,000 yen President: Kazuhiko Yamaguchi  
 Employees: 281 Businesses: Production and sale of vegetable seedlings, sale of agriculture- and gardening-use seeds and materials, development and production of enclosed-type seedling nursing equipment  
 Offices: Ehime Prefecture (Uwajima, Matsuyama), Nagano Prefecture, Iwate Prefecture, Ibaraki Prefecture, Fukushima Prefecture, Chiba Prefecture, China (Qingdao) Revenue: 4.885 B yen (as of Oct. 2019)

## One-of-a-kind coating removal technology using water and sand, with minimal impact on people and the environment



Double blasting, a technique receiving increasing attention throughout the paints and coatings industry, is one method of completely removing existing coatings (which contain hazardous substances) and immediately preparing the underlying base surface as a grade 1 surface. Within this process, wet blasting moistens the existing coating and completely removes all hazardous substances in one go,

after which another blast removes rust generated during wet open blasting. Mizukami Toso's methods adhere strictly to national laws, regulations and directives and conform with steel highway bridge anticorrosion rules and regulations. Furthermore, they do not use chemicals of any kind, thus preventing pollution of waterways.

### Mizukami Toso Co., Ltd.

723-6 Hagyu, Niihama, Ehime 792-0050  
 TEL: 0897-41-4336 FAX: 0897-43-1241  
<http://mizukami-tosou.jp/> Founded: Apr. 1982  
 Capital: 52 M yen President: Kenji Mizukami  
 Employees: 16 Businesses: Bridge recoating, building coatings  
 Office: Kochi Branch Office Revenue: 340 M yen (as of Apr. 2020)



## Database of "SUGOWAZA" Manufacturing Companies in EHIME

Leading-edge Technologies & Sophisticated Techniques

in **EHIME** 194 選

<http://www.sugowaza-ehime.com/>

### Publicizing Ehime's "Sugowaza" at once

Due to the public advertisement of the superior technology and products of those manufacturing companies that are the pride of Ehime, 194 companies and 254 technologies officially recognized by the prefecture have been used to build the "Ehime Manufacturing Companies 'Sugowaza' Database." The database will assuredly facilitate "business matching" between different industries.

### Introduction of the characteristics of Ehime's industry and the industrial clusters in each region

It gives a presentation of Ehime prefecture's industrial structure and regional industrial clusters as well as the characteristics of Ehime's industry that utilize the unique resources of each region. Please employ it as a helpful tool to expand business opportunities.

### Easily search corporate information

Searching the database is extremely easy and convenient. Not only can you use the free word search function or search by company name (arranged by Japanese syllables), but you can also search by specific technology, industry, or location. Information on "No.1 in Japan" is displayed in an understandable way.



※The website only supports Japanese



SUGOWAZA

Sugomono

Sugoaji

SugoVen.

Ehime Prefecture is home to a wide range of manufacturing and production activities rooted in their local history and culture. In addition to the SUGOWAZA included in this booklet, we have created databases for Sugoaji, which include various Ehime food products and ingredients from both land and sea; Sugomono, products that convey the unique appeal of Ehime; and SugoVen., a selection of promising, local venture capital firms. These databases are packed with unique and SUGOI (amazing) products, technologies and more.

We hope you will make use of all that Ehime has to offer in these four SUGOI categories to help your company achieve technological innovations and expand sales both domestically and globally.



Outstanding, Amazing Products from Ehime  
**Sugomono Database**



Ehime Prefecture Producers  
**Sugoaji Database**



Venture Capital Firms from Ehime  
**SugoVen. Database**



# No.1 or Only One in Japan!

01	<b>AdMeTech Co., Ltd.</b> A unique tumor therapy device (electrocautery) for animals	Only one	P19
02	<b>ASAHIKYOHAN CO., LTD.</b> Freshness and flavor are crucial! Top domestic share in number of packs processed!	No.1	P32
03	<b>Berg Earth Co., Ltd.</b> Low-cost vegetable seedling growing equipment that uses only artificial light	Only one	P36
04	<b>co-op Ryo ka</b> Four-meter ultra-wide jacquard weaving—top in Japan	No.1	P5
05	<b>COSMO SEIKI INC.</b> No. 1 domestic market share in darts (plastic flight products)	No.1	P13
06	<b>Daisho Tekkosho Co., LTD</b> No. 1 Japanese market share for units sold in specialized paper manufacturing equipment	No.1	P23
07	<b>Daiwa Packaging Systems CO., LTD</b> World's fastest fully-automated carton formers for cardboard assembly!	No.1	P23
08	<b>FINDEX Inc.</b> Experienced provider of comprehensive medical document and image management solutions for national university hospitals	No.1	P32
09	<b>Fujiwara Chemical Co., Ltd.</b> No. 1 share in Japan in sales of diatomite finish coating, which helps control room humidity and temperature, absorbs foul odors and more	No.1	P10
10	<b>Fujika Inc.</b> Clapping type firecrackers - the only one in Japan	Only one	P35
11	<b>Fukusuke Kogyo co., Ltd.</b> Leader in Japan in manufacture of specification-size polyethylene bags	No.1	P9
12	<b>Goshika Paper Co., Ltd.</b> Top domestic market share in color kyohana-gami decorative paper, a vital part of school/company sports events, the Tanabata star festival and more	No.1	P6
13	<b>Hattori Paper MFG. Co., Ltd.</b> No. 1 domestic share in electrolyzed alkaline water sheets—harnessing the power of safe-ingredient electrolyzed water for cleaning!	No.1	P7
14	<b>HOKUTO Inc.</b> Top market share in Japan for electric fish-scale removers —recommended by professionals!	No.1	P28
15	<b>IMABARI SHIPBUILDING CO., LTD.</b> No. 1 domestic market share for new ships built	No.1	P29
16	<b>IURA CO., LTD.</b> The largest share of stretchers installing a transfer device in the domestic market	No.1	P19
17	<b>Iyoya Towel co.</b> No. 1 manufacture of towels with interwoven pictures	No.1	P4
18	<b>IWAKITEC CO., LTD.</b> Top producer in Japan (production volume) of container ship hatch covers	No.1	P29
19	<b>KANEKO Co., LTD.</b> No. 1 domestic share in party crackers	No.1	P35
20	<b>Katakami Komuten YK</b> Full preparation and installation of custom-made scaffolding for factories	No.1	P18
21	<b>KAWANOE ZOKI CO., LTD.</b> Top manufacturer in Japan for household-product paper machines and packaging machines with fully automated roll take-up	No.1	P21
22	<b>Ken Matsuura Racing Services Co., Ltd.</b> No. 1 share in Japan for internal combustion engine parts used in F1, Moto GP and other familiar motor sports	No.1	P13
23	<b>Marusan Industry Co., Ltd.</b> No. 1 domestic market share for total sales of cosmetic cotton pads, cotton products for medical use and similar products	No.1	P9
24	<b>Marutomo Co., Ltd.</b> Savoriness and fragrance that set these products apart: genuine direct-roasted bonito flakes for the No. 1 domestic market share	No.1	P34
25	<b>MARUYASU Inc.</b> Labor-saving metering and mixing devices for film production claim No. 1 Japanese market share	No.1	P25
26	<b>Miki Tokusyu Paper Mfg. Co., Ltd.</b> No. 1 wetted nonwoven fabric product lineup in the world	No.1	P7
27	<b>MIURA CO., LTD</b> Top domestic market share in small-size once-through steam boilers	No.1	P25
28	<b>Mizukami Toso Co., Ltd.</b> "Double blasting" coating removal technology	Only one	P36
29	<b>Nihon Shokken Holdings Co., Ltd.</b> Japan's leader in shipping volume for tare sauces — an indispensable ingredient in all types of cooking!	No.1	P34
30	<b>NIPPON CAREER INDUSTRY CO., LTD</b> The leader in Japan in fully automated slicing of tender meat, including folding and arrangement of slices into neat rows	No.1	P24
31	<b>Ogasawara Industrial Company</b> Aboveground, standing-type, earthquake-resistant water storage tanks made entirely of stainless steel	Only one	P12
32	<b>OKABE CO., LTD.</b> The top seller of seasoned small-sized fish delicacies in Japan	No.1	P33
33	<b>OMI Inc.</b> Japanese-market-tailored, dedicated direct-payment system	Only one	P31
34	<b>PHC Co., Ltd.</b> Top market share in Japan for domestically produced sensors used in household blood-sugar measurement devices	No.1	P28
35	<b>RS Company Ltd.</b> "Safety bolt"—Japan's only eccentric bolt	Only one	P11
36	<b>SHI-ATEX Co., Ltd.</b> Completely unique semiconductor wafer ion irradiation services and neutron radiography technology	Only one	P22
37	<b>Sakawa Co., Ltd.</b> Top share in Japan for electronic blackboards with integrated projectors	No.1	P5
38	<b>Sealive.Inc.</b> Best in Japan in nucleolytic technology (new and much-anticipated sterilization equipment technology)	No.1	P27
39	<b>Shimizu Co., Ltd.</b> No.1 domestic share in Decorative tape for events	No.1	P6
40	<b>Suntechno Kuga Co., Ltd.</b> Masterful techniques for blowfish skin-removal machines that account for the No. 1 domestic market share	No.1	P13
41	<b>TAKECHI Co., Ltd.</b> Japan's leader in building gaskets, refrigerator gaskets and automotive plastic magnets	No.1	P10
42	<b>Takenaka Wire Cloth Co., Ltd.</b> The crimped wire mesh "bamboo screen" is only one.	Only one	P15
43	<b>Tokiwa Kougyou</b> Tokiwa tea bags — a common household item — account for the top market share in Japan	No.1	P7
44	<b>Toyo Co., Ltd.</b> No. 1 domestic share in industrial-use, heat-resistant, cut-preventing protective clothing	No.1	P4
45	<b>USHIO REINETSU CO., LTD.</b> No. 1 share in Japan in shipboard air conditioning and refrigeration equipment and elevators	No.1	P20
46	<b>Wintec Co., Ltd.</b> No.1 domestic share in web guiding system(corrects base paper movement to ensure straight direction on paper diaper production lines, etc.)	No.1	P26
47	<b>YAMAKI Co., Ltd.</b> Top handler of dried bonito in Japan	No.1	P34
48	<b>Yoneyama Agricultural Machinery Manufacturing Co., Ltd.</b> Facilitating easy performance of work anywhere: "rack-and-rail" movable hanging scaffolds boasting the No. 1 domestic share	No.1	P30

※The shares and rankings are reported by each registered company.



Database of "SUGOWAZA" Manufacturing Companies in EHIME

## Leading-edge Technologies & Sophisticated Techniques

# EHIME

A Selection of  
**194**  
Companies!



Inquiries

### ●Inquiries about "SUGOWAZA" database and registered companies

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