

Really
Incredible!

The 2012-2013 Guidebook for the Database of
"SUGOWAZA" Manufacturing Companies in EHIME

Leading-edge Technologies &
Sophisticated Techniques

in **EHIME**

A Selection of

133

Companies!

Ehime
Prefecture

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

Ehime's Boasting "SUGOWAZA":leading edge technologies & sophisticated techniques

No.1 or Only One in Japan!

| | | | |
|----|---|----|--|
| 1 | AdMeTech Co., Ltd. P16 A unique tumor therapy device (electrocautery) for animals | 29 | Nihon Shokken Holdings Co., Ltd. P4 Japan's leader in shipping volume for tare sauces—an indispensable ingredient in all types of cooking! |
| 2 | ASAHIKYOHAN CO., LTD. P3 Freshness and flavor are crucial! Top domestic share in number of packs processed! | 30 | NIPPON CAREER INDUSTRY CO., LTD P18 The leader in Japan in fully automated slicing of tender meat, including folding and arrangement of slices into neat rows |
| 3 | co-op Ryo ka P7 Four-meter ultra-wide jacquard weaving—top in Japan | 31 | OKABE CO., LTD. P4 The top seller of seasoned small-sized fish delicacies in Japan |
| 4 | COSMO SEIKI INC. P13 No. 1 domestic market share in darts (plastic flight products) | 32 | Panasonic Healthcare Co., Ltd. P22 Top market share in Japan for domestically produced sensors used in household blood-sugar measurement devices |
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| 6 | Daiwa Packaging Systems CO., LTD P18 World's fastest fully-automated carton formers for cardboard assembly! | 34 | Sakawa Co., Ltd. P7 Top share in Japan for electronic blackboards with integrated projectors |
| 7 | ENSOUND,LTD. P21 Lightweight and soft—the world's first soft-enclosure speaker | 35 | Sealive.Inc. P21 Best in Japan in nucleolytic technology (new and much-anticipated sterilization equipment technology) |
| 8 | Fujiwara Chemical Co., Ltd. P11 No. 1 share in Japan in sales of diatomite finish coating, which helps control room humidity and temperature, absorbs foul odors and more | 36 | Suntechno Kuga Co., Ltd. P13 Masterful techniques for blowfish skin-removal machines that account for the No. 1 domestic market share |
| 9 | FUJIKI Co., Ltd. P25 Clipping type firecrackers - the only one in Japan | 37 | TAKECHI Co., Ltd. P10 Japan's leader in building gaskets, refrigerator gaskets and automotive plastic magnets |
| 10 | Fukusuke Kogyo Co., Ltd. P10 Leader in Japan in manufacture of specification-size polyethylene bags | 38 | Tokiwa Kougyou P8 Tokiwa tea bags—a common household item—account for the top market share in Japan |
| 11 | Goshika Paper Co., Ltd. P7 Top domestic market share in color kyohama-gami decorative paper, a vital part of school/company sports events, the Tanabata star festival and more | 39 | Toyo Paper Mfg. Co., Ltd. P6 No. 1 domestic share in industrial-use, heat-resistant, cut-preventing protective clothing |
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| 18 | IWAKITEC CO., LTD. P23 Top producer in Japan (production volume) of container ship hatch covers | | |
| 19 | KANEKO Co., LTD. P25 No. 1 domestic share in party crackers | | |
| 20 | KAWANOE ZOKI CO., LTD. P17 Top manufacturer in Japan for household-product paper machines and packaging machines with fully automated roll take-up | | |
| 21 | Ken Matsuura Racing Services Co., Ltd. P12 No. 1 share in Japan for internal combustion engine parts used in F1, Moto GP and other familiar motor sports | | |
| 22 | Marusan Industry Co., Ltd. P10 No. 1 domestic market share for total sales of cosmetic cotton pads, cotton products for medical use and similar products | | |
| 23 | Marutomo Co., Ltd. P5 Savoriness and fragrance that set these products apart: genuine direct-roasted bonito flakes for the No. 1 domestic market share | | |
| 24 | MARUYASU Inc. P19 Labor-saving metering and mixing devices for film production claim No. 1 Japanese market share | | |
| 25 | MENDORI INFORMATION TECHNOLOGY CORPORATION P25 Top share in Japan in emergency Web notification systems (enabling users with hearing/speech impediments to contact 119, the phone number for fire/medical emergencies) | | |
| 26 | Miki Tokusyu Paper Mfg. Co., Ltd. P9 No. 1 wetted nonwoven fabric product lineup in the world | | |
| 27 | MIURA CO., LTD P19 Top domestic market share in small-size once-through steam boilers | | |
| 28 | Morioto Co., Ltd. P9 Unique technology for manufacturing tatami floor mats from traditional Japanese paper | | |



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 paper manufacturing and paper processing industry is the greatest in Japan. Following the opening of the Besshi copper mine in the Edo Period (1600-1868), Nihama 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, and selected 113 companies and 148 "SUGOWAZA" for the "Database of "SUGOWAZA" Manufacturing Companies in EHIME." This time around, we have added 20 companies and 21 "SUGOWAZA" for the enhanced database containing information on a total of 133 companies and 169 "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

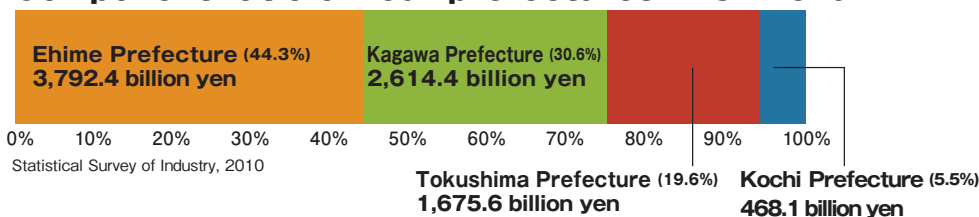
Ehime Prefecture has a population of approx. 1,431,000 (according to a 2010 national census), and gross prefectural product (nominal) accounts for approx. ¥4,632 billion (2009), with an approx. ¥3,792.4 billion (2010) total value for manufactured goods shipped.

The prefecture's industrial structure (based on production output) is, primary industry 2.1%, secondary industry 22.2%, and tertiary industry 75.7%. (※1)

In addition, the component ratio for the total shipment value of manufactured goods (2010) shows that manufacturing of basic (key) materials accounts for 59.2% (※2), processing and assembly (※3) accounts for 27.7%, and lifestyle-related and other goods (※4) accounts for 13.1% of manufacturing. The areas with the highest manufactured goods values are nonferrous metals (15.9%), paper and pulp (13.7%), and shipbuilding and other transport-related machinery (13.5%), in that order.

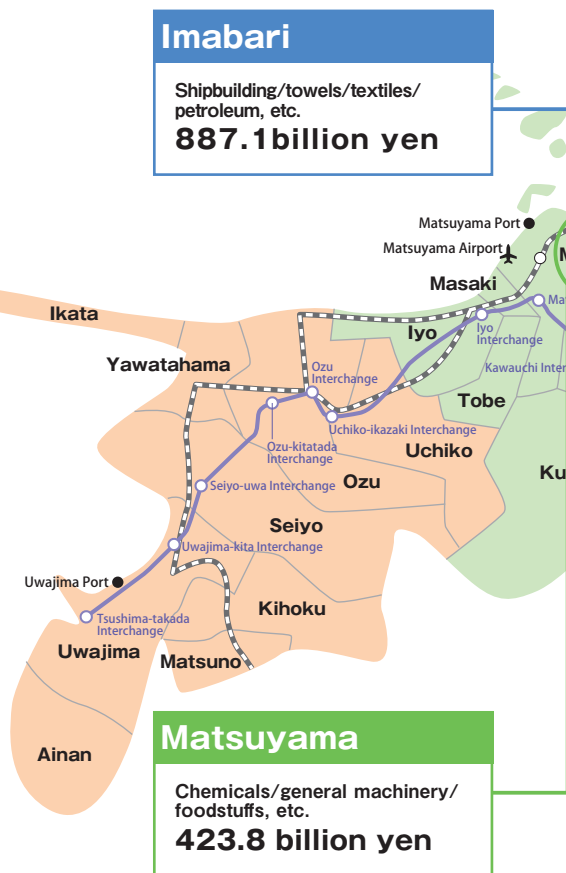
Ehime is a unique industrial prefecture in that it accounts for 44.3% of the total shipment value of manufactured goods in Shikoku.

Component ratio of four prefectures in Shikoku



※1) The component ratio of the industrial structure is calculated with the values unclassifiable as any industry before addition or deduction set at 100.
 ※2) Basic materials: timber/wood products, pulp/paper, paper products, chemicals, petroleum and coal products, plastic products, rubber products, ceramic/soil and stone products, steels, non-ferrous metals, and metal products
 ※3) Processing and assembly: general machinery, electric machinery, transportation machinery
 ※4) Lifestyle-related and other goods: foodstuffs/beverages, textiles/clothing, furniture/accessories, printing and related businesses, tanned leather and related products, etc.

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, 2010)

- Towels
- Paper hygiene products
- Shugi goods, (mizuhiki paper strings, money gift envelopes, etc.)
- Paper for paper screen, paper for calligraphy
- Paper machine (machine to manufacture paper continuously)

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 affiliated with Sumitomo that take advantage of the group's high-class technology, operating in nonferrous metals, chemicals and other such fields.

Saijo City has become one of the most active areas for industrial location. The cluster of major manufacturers' facilities located here includes Nisshin Steel Co., Ltd. Toyo Works, which is a development and manufacturing base for highly corrosion-resistant coated steel; The Saijo Factory of Renesas Electronics Corporation, 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 approx. 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 Uzushio Electric 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. 16% 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 companies operating in lifestyle-related industries including major food flavoring maker Nihon Shokken Holdings Co., Ltd.

Chuyo area

The Chuyo area centering on Matsuyama

Chuyo region has more than 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; 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 Panasonic Healthcare 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. Also a meat patty production plant for major hamburger chain has recently begun its operations.

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.

Manufactured Goods Shipped from Ehime Prefecture

(Statistical Survey of Industry, 2010)

Niihama

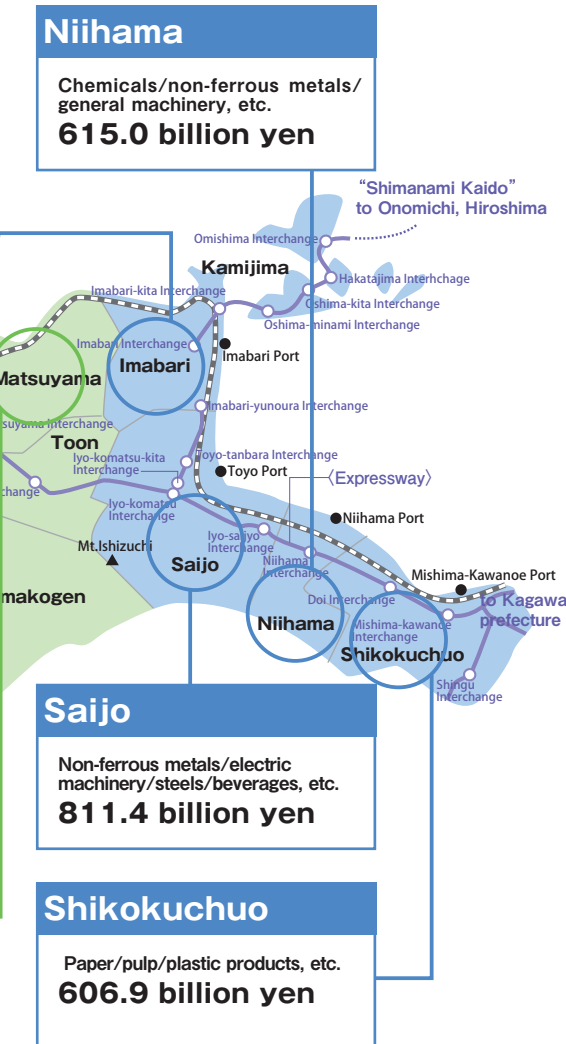
Chemicals/non-ferrous metals/general machinery, etc.
615.0 billion yen

Saijo

Non-ferrous metals/electric machinery/steels/beverages, etc.
811.4 billion yen

Shikokuchuo

Paper/pulp/plastic products, etc.
606.9 billion yen



[Products of agriculture, forestry and fisheries] Main No. 1 in Japan Products

(Statistics of agriculture, forestry and fisheries, 2009 to 2010)

- Citrus
- Naked barley
- Cultured sea bream
- Pearls
- Kiwi fruits
- Japanese cypress
- Bonito flakes



Mascot of Ehime Prefecture
Mican

"SUGOWAZA" Companies' INDEX

Database of "SUGOWAZA" Manufacturing Companies in EHIME

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

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| 03 | Foodstuffs | ASAHIKYOHAN CO., LTD. Ehime Beverage Inc. | 09 | Morioto Co., Ltd. Requ Co., Ltd. Livedo Corporation Washi Ishikawa Ltd. co. | 14 | CHOSO IRONWORKS CO. LTD. two-teq CO., LTD Tsunami Ironworks Co., Ltd | 20 | Electric machinery | ADVANTEC CO., LTD. Iio Electric Co., Ltd. |
| | 04 | OKABE CO., LTD. Kishimoto Co., Ltd. Sanbee Foods Co., Ltd. Shikoku Nyugyou Corporation Senmi Ekisu Co., Ltd. Nihon Shokken Holdings Co., Ltd. | | Chemicals | | 15 | | Teramachi Co., Ltd. HAGIO KOATSU YOKI CO., LTD. Horie Co., Ltd. Miyoshi Iron Works Co., Ltd. Yutaka Co., Ltd | 21 |
| 05 | Textiles | Hassui Kamaboko Co., Ltd. Marutomo Co., Ltd. YAMAKI Co., Ltd. | 10 | Plastic products | 16 | General machinery | 22 | System LSI Co., Ltd. Tanaka Giken Co., Ltd. CHUYO ELECTRONICS CO., LTD. Nishiki Densoh Co., Ltd. Nippon System Group Co., Ltd. Panasonic Healthcare Co., Ltd. | |
| | 06 | co-op Ryo ka Furniture / Accessories Sakawa Co., Ltd. Pulp/paper/paper products | | Rubber products | | 17 | | Ai Torino Co., Ltd. AdMeTech Co., Ltd. IURA CO., LTD. ISEKI & CO., LTD. USHIO REINETSU CO., LTD. OKAME SEISAKUSHO Co., Ltd. OCHI MACHINERY CO., LTD. | 23 |
| 07 | | The Daiwa Dye Co., Ltd. Toyo Paper Mfg. Co., Ltd. KK Tomioka Tent Nishi Senkoh Co., Ltd. Fujitaka Inc. Maruyamatowel Corporation | 11 | Steel industry | 18 | Obe Machinery & Engineering co., Ltd. KAWANOE ZOKI CO., LTD. GIKEN KOHKI CO., LTD. Clean Mechanical Co., Ltd. SANKO MACHINERY CO., LTD. CellFree Sciences Co., Ltd. | 24 | ASAKAWA SHIPBUILDING Co., Ltd. ATEX CO., LTD. IMABARI SHIPBUILDING CO., LTD. IWAKITEC CO., LTD. | |
| | 08 | Daio Paper Corporation Daifuji Paper Mfg. Co., Ltd. TAMU Co., Ltd. Tokiwa Kougyou Hattori Paper MFG. Co., Ltd. Marusan Paper Co. Marusumi Paper Company Ltd. Miki Tokusyu Paper Mfg. Co., Ltd. | | Ceramic/soil and stone products | | 19 | | Sogabe Ironworks Ltd. DAIO ENGINEERING CO., LTD Daisho Tekkosho Co., LTD Daiwa Packaging Systems CO., LTD TOP SYSTEM Co., Ltd NIPPON CAREER INDUSTRY CO., LTD | 25 |
| | | | | Non-ferrous metals | | Hagiokikai Co., Ltd. HIKARI Co., Ltd. Frasco Co., Ltd MANABE ZOKI CO., LTD MARUYASU Inc. MIURA CO., LTD Miyata Iron Works Co., Ltd. Yamasei. Co., Ltd. | | PC Trend Co., Ltd. MENDORI INFORMATION TECHNOLOGY CORPORATION Others | |
| | | | | Metal products | | 20 | Youth Engineering Co., Ltd. Yokozaki Manufacturing Company Ltd. | | OCHI INDUSTRIES CORPORATION KANEKO Co., LTD. FUJIKA Co., Ltd. |
| | | | | | | | | | |

※The posted information is based on the data as of May 31st 2012. 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.

Ehime Beverage Inc.

Foodstuffs

Quality assurance through integrated production control from raw ingredients to manufacturing

Since starting out in the fruit juice processing business in response to promotion efforts for development of the mandarin production industry, the company has cultivated beverage production techniques and developed products with an emphasis on delicious taste and health. Among these products, the company commercialized special mandarin juice containing twice the β -cryptoxanthin content of normal juice. In recognition of the company's contributions to health preservation through its β -cryptoxanthin content control technology, and the commercialization of its POM Mandarin Juice β products, they received the Agricultural, Forestry and Fishery Chairperson's Prize at the 2006 Ministry of Agriculture, Forestry and Fisheries Awards for Distinguished Persons in Research and Development.

Ehime Beverage Inc.

478 Anjoji-machi, Matsuyama, Ehime 791-8603 TEL: 089-923-1511 FAX: 089-924-0304
Founded: Apr. 2003 Capital: 675 M yen President: Kiyoshi Yano Employees: 326
Businesses: Manufacture and sale of soft drinks Offices: Tokyo Sales HQ, BOs—Osaka, Nagoya, Fukuoka, three (3) factories Revenue: 33,544 B yen (as of Mar. 2012)



ASAHIKYOHAN CO., LTD.

Foodstuffs

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 of 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, Nishiuwa-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: 162
Businesses: Manufacture of foodstuffs Business Offices: Matsuyama, Kansai, Tokyo Revenue: 3,048,224,793 M yen (as of Mar. 2011)



SUGO WAZA

Leading-edge Technologies & Sophisticated Techniques

Sanbee Foods Co., Ltd.

Foodstuffs

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 Niida
Employees: 3 Businesses: Manufacture of foodstuffs
Revenue: 10 M yen (as of July 2011)



Senmi Ekiisu Co., Ltd.

Foodstuffs

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: Katsuhiko Osajima
Employees: 135 including group companies Businesses: Manufacture of foodstuffs Offices: Fukuyama Revenue: Non-disclosure



Kishimoto Co., Ltd.

Foodstuffs

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: Yukio Kishimoto
Employees: 30 Businesses: Manufacture of foodstuffs
Revenue: 255.8 M yen (as of Apr. 2012)



Shikoku Nyugyou Corporation

Foodstuffs

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.



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: Tadataka Usami
Employees: 338 Businesses: Processing and sale of milk; manufacture and sale of dairy products and soft drinks
Offices: Ehime, Kansai, Kagawa, Kochi, Tokushima BO Business Development Room
Factories: Main Factory, Kyoto, Sakaide Revenue: 20.9 B yen (as of Mar. 2012)



OKABE CO., LTD.

"SUGOWAZA" in Japan

Foodstuffs

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 40 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.

OKABE CO., LTD.

150 Ichiba, Iyo, Ehime 799-3195 TEL: 089-983-1230 FAX: 089-983-1239
http://www.okabe-group.com Founded: Feb. 1974 Capital: 50 M yen
President: Mitsunobu Okabe Employees: 119 Businesses: Manufacture of foodstuffs
Offices: Tokyo Revenue: 3.8 B yen (as of Dec. 2011)



Nihon Shokken Holdings Co., Ltd.

"SUGOWAZA" in Japan

Foodstuffs

At the forefront of food culture and blending power

Nihon Shokken Holdings has become a household name through its familiar "Bansankan" yakiniku (grilled meat) sauce commercials. Since the company's founding, its strength has been in its power to develop blended flavoring ingredients. Currently, the company ships more tare sauce products than any other company in Japan, and its industry-use "Karage no Moto" Japanese-style deep-fried chicken batter accounts for a large share of the market.

The company constantly delivers new information on food culture to society via its world-leading, state-of-the-art food product manufacturing line and cutting-edge research and development facilities. New and innovative ideas can be found in abundance on the company's expansive grounds, as seen in the global-themed garden, the world's first museum based on the concept of food, the "KO Palace Plant" where production line tours are available, and more.



Nihon Shokken Holdings Co., Ltd.

1-3 Tomitashinminato, Imabari, Ehime 799-1582
TEL: 0898-24-1881 FAX: 0898-24-1631
http://www.nihonshokken.co.jp
Founded: Feb. 1973 Capital: 388 M yen
President: Tetsuya Osawa
Employees: 601 including group companies
Businesses: Manufacture, sale, and research/development of blended condiments and processed food; strategy planning and management of businesses as a holding company
Offices: 211 domestic BOs, 20 overseas BOs in group total
Revenue: 81.4 B yen (as of Sep. 2011; group total)



SUGO WAZA

Leading-edge Technologies & Sophisticated Techniques

Marutomo Co., Ltd.



Foodstuffs

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

This company has developed products with an emphasis on original flavor and natural taste, such as "Shin Jikabi yaki hon-katsuo," genuine direct-roasted bonito, made using an original method combining thorough low-temperature boiling with direct-roast processing for a 20% increase in savoriness, and "Jikabi yaki hon-katsuo dashi," genuine direct-roasted bonito bouillon, that maintains the original fragrance of bonito flakes.

The company also produces chilled food products, including seasoned herring roe and others, with "Chuka kurage", Chinese Jellyfish, as one of its leading products: They handle more than 1,000 tons of jelly fish per year as Japan's leading jellyfish product manufacturer, and unique components found in the jellyfish are utilized to develop soil conditioner and dietary supplements.

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: Miyo Myoseki
 Employees: 426 Businesses: Manufacture of foodstuffs
 Offices: Tokyo Sales HQ, BO—Sapporo, Sendai, Kawaguchi, Nagoya, Osaka, Hiroshima, Fukuoka 13 Liaison offices, 7 Factories, 2 Overseas BOs Revenue: 26.1 B yen (as of Mar. 2010)



Hassui Kamaboko Co., Ltd.

Foodstuffs

Fish paste products that can be easily reconstituted by hot water



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: Manabu Suzuki
 Employees: 140
 Businesses: Manufacture of fish paste products
 Offices: Oita
 Revenue: 1.85 B yen (as of Sep. 2011)

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.

Craft Center Oriza Inc.

Textiles

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



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



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 Toyoda 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 yoroke mojiri-ori ("up-down staggered leno weave") weaving technique, a rarity anywhere in the world.

YAMAKI Co., Ltd.

Foodstuffs

Particular about the quality of dried bonito and soup stock



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: 792 (as of Apr. 2012) Businesses: Manufacture of foodstuffs
 Offices: (Division, Sales and Marketing Division, Business) Tokyo, Sapporo, Sendai, (BOs) Nagoya, Osaka, Hiroshima, Shikoku, Fukuoka, an 8 other business offices
 Revenue: 44.1 B yen (as of Mar. 2012)

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 air-tight packaging in order to extract and maintain its flavor.



Iyoya Towel co.

Textiles

Towels from your dreams with customizable patterns and pictures



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.

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. Stainless steel thermal insulation material is deposited in a thin layer using "masa processing" on sturdy polyethylene mesh sheeting to reflect infrared radiation. The air sandwiched between the layers reduces thermal conductance 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: 150 M yen (as of Feb. 2012)



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.



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: 34 Businesses: Manufacture and sale of protective garments and armor
Revenue: Non-disclosure



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
1178-5 Kishi-machi, Matsuyama, Ehime 791-1102
TEL: 089-976-8778 FAX: 089-976-8899 http://tomiokatent.com/
Founded: July 1990 Capital: 10 M yen President: Susumu Miyamichi
Employees: 9 Businesses: Manufacture and sale of various types of tents
Revenue: Non-disclosure



Environmental certification for utilization of ozone for bleaching



Environmental problems have come under close scrutiny in recent times, and dyeing processes are one part of the textile manufacturing process that consumes large amounts of energy. Among these, scouring and bleaching require the most energy. The Daiwa Dye has developed the world's first "ozone bleaching" process that uses oxygen from the air, which greatly reduces CO2 emissions and has earned the company certification under the Eco Mark standard program operated by the Japan Environmental Association. The company has set out on a path to becoming an environmental corporation through development of bioethanol extracted from textiles and other such efforts.



The Daiwa Dye Co., Ltd.
4-2-25 Kinuboshi-cho, Imabari, Ehime 794-0813 TEL: 0898-22-6180
FAX: 0898-22-2243
http://www.daiwasenko.jp
Founded: Jan. 1956 Capital: 19 M yen
President: Shigenori Aono Employees: 80
Businesses: Arrangement of dyeing processes for yarn and cloth, sale of imported goods Offices: 2nd and 3rd Factories in Imabari, Ehime Pref. Revenue: 1,292.56 M yen (as of Sep. 2011)

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

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: 104
Businesses: Manufacture of towels and related products
Offices: Tokyo BO
Revenue: 2.59 B yen (as of Aug. 2011)

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 Global Organic Textile Standard (GOTS). 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.

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: 650 M yen (as of Aug. 2011)



Sakawa Co., Ltd.

SUGOWAZA
in 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: Suzuki Sakawa Employees: 30 Businesses: Manufacture and sale of electronic blackboards and whiteboards; design and construction of large-size laminated lumber/solid lumber structure systems
Offices: Sapporo, Tokyo, Shizuoka, Nagoya, Osaka, Okayama, Hiroshima, Fukuoka Revenue: Non-disclosure



co-op Ryo ka

SUGOWAZA
in 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 Businesses: Planning, manufacture, and sale of textiles Revenue: Non-disclosure



Izumi Paper Co., Ltd.

SUGOWAZA
Pulp/paper/
paper products

Cleaner rivers through advanced wastepaper processing



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

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.

Kamishoji Corporation

SUGOWAZA
Pulp/paper/
paper products

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.kamisyoji.co.jp>
Founded: Apr. 1962 Capital: 48 M yen President: Katsumasa 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: 104.3 B yen (as of June 2011)



Goshika Paper Co., Ltd.

SUGOWAZA
Pulp/paper/
paper products

Traditional Japanese paper that brightens up festivals throughout Japan

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.



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: 350 M yen (as of Apr. 2011)

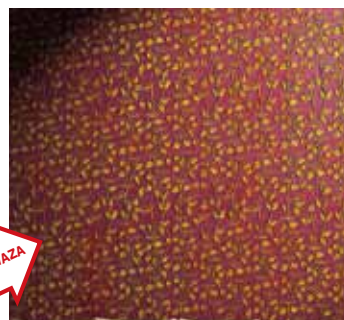
Ikazaki Shachu Inc.

SUGOWAZA
Pulp/paper/
paper products

Original Japanese paper that preserves and advances papermaking traditions

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.



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
Businesses: Manufacture and sale of processed goods made from original Washi (Japanese paper) Revenue: 5 M yen (as of June 2011)

SUGO WAZA

Leading-edge Technologies & Sophisticated Techniques



TAMU Co., Ltd.

Pulp/paper/
paper products

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



Tokiwa Kougyou

SUGO WAZA
in Japan

Pulp/paper/
paper products

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 nonwoven 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: 434 M yen (as of May 2011)



Marusan Paper Co.

Pulp/paper/
paper products

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.

Daio Paper Corporation

Pulp/paper/
paper products

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: 30.4 B yen President: Masayoshi Sako Employees: 3,238

Businesses: Manufacture, processing, and sale of paper, cardboard, pulp, and related products, everyday sundries, functional films, adhesive sheets, synthetic resin materials; trading of forest land and timber; forestry; wood processing; greening and landscaping; waste management; manufacture and sale of recycled goods Offices: Tokyo HQ, BO—Osaka, Nagoya, Kyushu, Mishima Factory, Kago Factory, BO—Yokohama, Saitama, and other large cities, 4 overseas offices Revenue: 409 B yen (as of Mar. 2012)

Hattori Paper MFG. Co., Ltd.

SUGO WAZA
in Japan

Pulp/paper/
paper products

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 Yamadai, 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: 131 Businesses: Manufacture of cosmetics, various types of pre-moistened wipes, cleaning wipes, toilet paper, tissue paper, kitchen paper, etc. Offices: Tokyo, Kyushu, Osaka Revenue: 3,167 B yen (as of Aug. 2011)



Daifuji Paper Mfg. Co., Ltd.

Pulp/paper/
paper products

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: 1.8 B yen (as of July 2010)



SUGOWAZA

Leading-edge Technologies & Sophisticated Techniques

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, Kinsel-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 2011)



Requ Co., Ltd.

Pulp/paper/
paper products

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.

Requ Co., Ltd.
1294-1 Ko, Hiraoka, Uchiko-cho, Kitagun, Ehime 795-0303
TEL: 0893-44-3579 FAX: 0893-44-5915
http://www.requ.jp Founded: Jan. 1954
Capital: 20 M yen President: Shinobu Sato Employees: 11
Businesses: Building and renovating, electrification/solar energy, manufacture of goods using washi (Japanese paper)
Revenue: Non-disclosure

Morioto Co., Ltd.

"SUGOWAZA"
in Japan
Pulp/paper/
paper products

Re-envisioning the Japanese esthetic through paper and technology



Morioto started out in the paper recycling business, and from 1998 the company began selling Iyo-washi paper tatami flooring mats. These mats are made by twisting Iyo-washi traditional Japanese paper into straw-like shapes (similar to that used in rush mats), and the hollow portion inside each strand is precisely processed to achieve a nearly perfect circular cross-section. This design is the secret to the superior moisture permeability and other factors behind the products' high comfort factor. Weaving processes are carried out in rooms where ideal temperature and humidity levels are maintained throughout the year, highly trained experts use their eyes and hands to thoroughly inspect each and every item, and the materials produced are used in flooring mats and other products.

Morioto Co., Ltd.
532 Nakanosho-cho, Shikokuchuo, Ehime 799-0422
TEL: 0896-24-2881 FAX: 0896-24-1171
http://www.morioto.co.jp
Founded: Jan. 1958 Capital: 20 M yen
President: Tatsuji Morizane Employees: 35 Businesses: Wholesale of used paper, manufacture of Japanese paper-tatami mats made from Washi (Japanese paper) and paper string Factories: Sankawa, Kaminoki and Yoki Revenue: 1.7 B yen (as of Dec. 2011)



Livedo Corporation

Pulp/paper/
paper products

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: 894 Businesses: Manufacture and sale of adult diapers, medical disposables, and industrial cleaning supplies Offices: Osaka HQ, BOs- Tokyo, Sendai, Kanazawa, Nagoya, Kyushu Revenue: 36.82 B yen (as of Mar. 2011)



Miki Tokusyu Paper Mfg. Co., Ltd.

"SUGOWAZA"
in Japan
Pulp/paper/
paper products

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: 171
Businesses: Manufacture of base materials for adhesive tape/membrane filters, food processing filters, insulation paper, and battery separators Offices: Tokyo Revenue: 5.667 B yen (as of July 2011)



Marusumi Paper Company Ltd.

Pulp/paper/
paper products

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 and PEFC 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: 736 Businesses: Manufacture and sale of paper for newspaper, publishing, packing, phone directories; craft pulp; paper in different qualities Offices: Tokyo, Osaka, Nagoya, Kyusyu Revenue: 66 B yen (as of Nov. 2011)



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: 350 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: 10.02 B yen (as of Feb. 2011)

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: 14.8 M yen
President: Noboru Kubo
Employees: 175
Businesses: Manufacture of plastic products, etc.
Offices: 3 factories in Ozu, 1 factory in Uchiko-cho, Ehime Pref.
Revenue: 2.07 M yen (as of Sep. 2011)

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 market in 2011, are especially noteworthy since they use bio-plastics derived from sugarcane. 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: 1,000
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, Tiansin (China), Shanghai (China), and Indonesia
Revenue: 82.5 B yen (as of Mar. 2012)

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: Nov. 1951 Capital: 450 M yen
President: Katsuhiko Ichimiya Employees: 307
Businesses: [Automobile parts] [Customization] [Electronics parts-synthetic resin products] ①high purity chemicals ②photoresist ③ sputtering targets ④ compound semiconductor material, light guide plates/IC trays, etc. [Consignment business] compound resin products and polyolefin-based resin compounds Offices: BOs- Tokyo, Osaka, and Chiba, Sales offices - Tokyo, Osaka, Niihama, and Kumamoto
Revenue: 32.4 B yen (as of Jan.2012)

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 and rubber gas tubing. 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. The company's plastic magnets, which are used in rotation sensors, have achieved the top market share worldwide.



TAKECHI Co., Ltd.
936 Ko, Nakano-machi, Matsuyama, Ehime 791-1121 TEL: 089-963-1311 FAX: 089-963-4485
http://www.takechi.co.jp Founded: Mar. 1957 Capital: 100 M yen President: Sanae Ikehata
Employees: 230 Businesses: Manufacture of plastic and rubber products Offices: Suita HQ, Tokyo BO Factories: Ibaragi, Tanahara, Tobe, Karakawa, Matsuyama, and Iyo Revenue: 3.951 B yen (as of July 2011)

Pioneering eco-ties and other tape products



Former company president Shigetoshi Okamoto was the first in the world to develop a method for manufacturing tape yarn using tube-shaped film. 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.

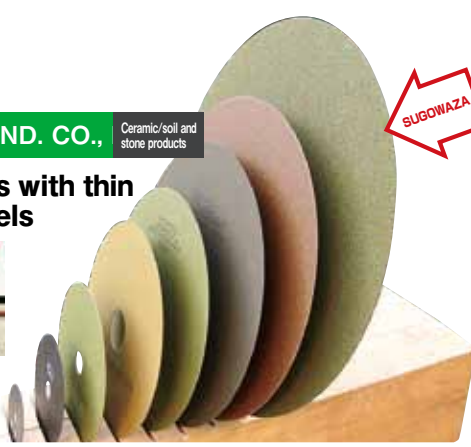
Okamoto Kasei Co., Ltd.
3-4-15 Gion-cho, Imabari, Ehime 794-0804
TEL: 0898-23-2300 FAX: 0898-23-5337
http://www.okamoto-kasei.co.jp Founded: Apr. 1972 Capital: 15 M yen President: Akio Okamoto Employees: 44
Businesses: Manufacture of various ribbons, packing tape/bands, and other plastic products such as tapes for communication cables Revenue: 633 M yen (as of Mar. 2012)

NIHON-DISK IND. CO.,

Ceramic/soil and stone products

SUGOWAZA

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

Fujiwara Chemical Co., Ltd.

Ceramic/soil and stone products

Protecting your living environment through wall-finishing materials



SUGOWAZA

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
<http://www.fujiwara-chemical.co.jp>
 Founded: Dec. 1967
 Capital: 93 M yen President: Fuyuhito Soga Employees: 160
 Businesses: Development and manufacture of finishing compounds for interior/exterior walls Offices: Sendai, Niigata, Kanto, Yokohama, Shizuoka, Nagoya, Osaka, Hiroshima, Shikoku, Fukuoka, Kanazawa, Gifu, and Rotterdam Revenue: Non-disclosure

Ochi Foundry, Inc.

Steel industry

Highest production volume in Shikoku



SUGOWAZA

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 Tanouawagata, 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: 120
 Businesses: Manufacture and sale of pig iron products and case metal products
 Offices: Nagoya BO Revenue: 4,101.98 M yen (as of Feb. 2012)

Co-op for Ehime Pig Iron and Casting Industrial Complex

Steel industry

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 Tanouawagata, Tanbara-cho, Saijo, Ehime 791-0522
 TEL: 0898-68-6066 FAX: 0898-68-7984
<http://www.e-imon.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: 746 M yen (as of Mar. 2012)



SUGOWAZA



Niihama Machinery Industry Co-Op

Steel industry

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 showcases products in national mechanical technology exhibitions. Currently (as of August 2011), 77 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.



SUGOWAZA

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: 7.7 M yen President: Takanori Oishi
 Employees: 3 Businesses: Sales promotion, joint procurement and training for union members Revenue: 53.6 B yen (as of July 2010)

Fujita Manufacturing Co., Ltd.

Steel industry

Daily improvements in a quest to change the face of manufacturing

This company develops products that greatly change conventional approaches to manufacturing, including large grinders to reduce the amount of labor required for deburring of mold, burners capable of achieving high temperatures of 1,000°C or higher without incurring fuel costs that perfectly combust a wide range of waste oils and thus suppress quantities of toxic gas emitted, simple and highly rigid vertical lathes capable of cutting at 10 times the conventional speed or faster, low-cost components that can be replaced for easily damaged portions during abrasive blasting, and more. Unique casting and cutting technologies born from on-site needs are currently under development.

Fujita Manufacturing Co., Ltd.

1-2 Minato, Saijo, Ehime 793-0046 TEL: 0897-56-5373
 FAX: 0897-56-9240 <http://www.fujitam.co.jp> Founded: Jan. 1969
 Capital: 90 M yen President: Shuichiro Fujita Employees: 125
 Businesses: Manufacture of cast metal parts for construction and industrial machines, production of drum structures for cranes, bridges, etc., development and manufacture of machine tools, cast metal machinery, waste oil burners, etc. Revenue: 1.8 B yen (as of Dec. 2011)



SUGOWAZA



SUGO WAZA

Leading-edge Technologies & Sophisticated Techniques

RS Company Ltd.



Metal products

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
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: 26 M yen (as of Sep.2011)



Dozen Kogyo Co., Ltd.

Non-ferrous metals

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/mm² 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. 2012)



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, Nihama, 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, semiconductor production device parts, cyclone-decelerating machine parts, electric control panels/instrument panels Offices: Saijo, Nihama, Nagoya
Revenue: 3.5 B yen (as of Sept. 2011)



Ken Matsuura Racing Services Co., Ltd.

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 Nakanishisoto, Matsuyama, Ehime 799-2425
TEL: 089-992-0706 FAX: 089-992-3615
Founded: Jan. 1964 Capital: 20 M yen
President: Ken Matsuura Employees: 34
Businesses: Manufacture of metal articles
Offices: Gotenba Factory
Revenue: 900 M yen (as of Jan. 2012)



Kurita Inc.

Metal products

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. 2011)



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 phosphorus, 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 Tanouwagata, 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: 1.54 B yen (as of June 2011)



SUGO WAZA

Leading-edge Technologies & Sophisticated Techniques

DAIRIKI Co., Ltd.

Metal products

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: 1.1 B yen (as of July 2010)

COSMO SEIKI INC.

SUGOWAZA 40 in Japan

Metallic 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: 370 M yen (as of Aug. 2011)



Suntechno Kuga Co., Ltd.

SUGOWAZA 40 in Japan

Metal products

Masterful skills stemming from ideas in pursuit of effortless operations

Suntechno Kuga develops and sells food processing machines, including its blowfish skin-removal machine ("Fugu Kawa-suki Meijin"), which was developed under a joint patent with HOKUTO Inc., and others. The company provides society with an assortment of unique set products, such as a far-infrared low-temperature drying machine ("Enseki Teion Kanso Meijin") for drying items evenly from the inside, and a citrus fruit skin remover ("Kankitsu Kahi Setsujo-ki") that removes the fruit's bitter outer peel and peel oils.

In addition, the company devised a "whole-fruit fresh puree & fruit sauce" using the two abovementioned technologies: each citrus fruit can be used in its entirety, and the fresh flavor concentrate extracted without the use of heat is expected to meet a diverse array of future needs.

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



Takahashi Industries Co., Ltd.

Metal products

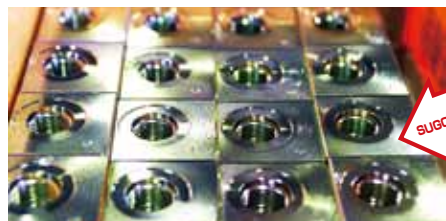
Technology to overcome the difficult task of cutting pure nickel

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: 20 Businesses: Manufacture of semiconductor production device parts Revenue: 190 M yen (as of Mar. 2011)



TAKAYOSHI THE INDUSTRIAL PLACE

Metal products

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: Yoshiki 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: 200 M yen (as of Sep. 2011)

TAKUBO Industrial Co., Ltd.

Metal products

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.

1-14-1 Higashimura, Imabari, Ehime 799-1506

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: 9.8 B yen (as of Mar. 2011)



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 PCs 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.

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: Hirohisa Taniguchi
 Employees: 61 Businesses: Low-distortion heat treatment processing, Development and sale of furnaces for low-distortion heat treatment processing Offices: Hyogo, Osaka Revenue: 1.45 B yen (as of Sep. 2011)



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

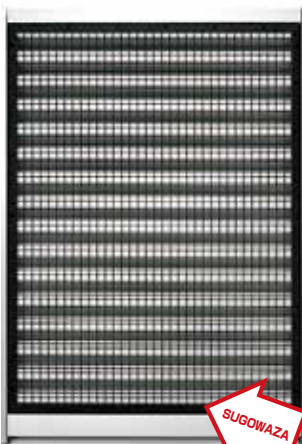
2195-7 Minamigata, Toon, Ehime 791-0301
 TEL: 089-966-4040 FAX: 089-966-4047 <http://two-teq.com>
 Founded: Apr. 1990 Capital: 10 M yen President: Kazutoshi Masuda
 Employees: 22 Businesses: Precision part processing for automated equipment, aerospace equipment, and products related with LCD and LED manufacture Revenue: 746.9 M yen (as of Mar. 2012)



Environmentally friendly expression through wire mesh

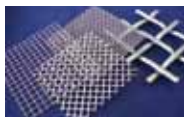
As a specialized wire mesh manufacturer, Takenaka Wire Cloth provides high-quality products for use in buildings and a diverse array of other applications. The company's warehouses are stocked with a wide variety of crimped wire mesh material types, so they can respond to small-quantity, high-variety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



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: 452 M yen (as of Feb. 2012)



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-iw.com> Founded: Feb. 1960
 Capital: 30 M yen President: Go Tsuzuki
 Employees: 47 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: 683.16 M yen (as of May 2011)



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 1 micron or less.

The company independently develops gauges, jigs and other tools, achieving short delivery times and low costs. They receive constant praise from clients thanks to comprehensive strength supported by machining and testing technology built up over years that no other company in the industry can imitate, as well as managing products based on a thorough quality control system.

CHOSO IRONWORKS CO. LTD.

1-11 Minato, Saijo, Ehime 793-0046 TEL: 0897-58-2227
 FAX: 0897-56-7177 <http://www.choso-ir.com> Founded: Oct. 1973
 Capital: 30 M yen President: Hiroyuki Kato Employees: 108 Businesses: Cutting and processing of precision parts of hydraulic equipment and mechanical tool parts Revenue: 2.3 B yen (as of Oct. 2011)



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.

The company'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. They introduced 3D CAD technology early on, and the company continues to lead the industry through an integrated manufacturing process that includes everything from design to installation of operator's cab glass and wiring work.

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: 57
 Businesses: Design and manufacture of cabs, machine rooms, and electrical rooms for large construction equipment
 Revenue: Non-disclosure



Horie Co., Ltd.

Metal products

Water Jet-Hydraulic cutting technology



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: 25 Businesses: Water cutting, laser cutting, and manufacture of metal products Revenue: Non-disclosure



(*Purchased TAKATETSU Co., Ltd. as of July 1st 2012.)

Miyoshi Iron Works Co., Ltd.

Metal products



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: Kenkichi Takahashi 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, Sawatsu and Doi Revenue: 6.4 B yen (as of June 2011)

SUGOWAZA



Teramachi Co., Ltd.

Metal products

Continuously striving for the best results possible in machining and unit processing

Teramachi has a rarely in-house unified production system integrating all processes necessary for part manufacture including heat treatment, surface treatment, forging, machining, welding, finishing and assembly. In addition, the company has successfully established a framework for achieving lower costs, shortened delivery times and quality control.

Teramachi's product lineup is overwhelmingly dominated by reducers used in construction machinery and machine tool parts for machine presses. Assembly of products that require high precision is carried out in a work environment with carefully controlled temperature and humidity levels.



Teramachi Co., Ltd.

1261 Ikeda, Tanbara-cho, Saijo, Ehime 791-0508 TEL: 0898-68-7016 FAX: 0898-68-7862 http://www.teramachi.co.jp Founded: June 1933 Capital: 77 M yen President: Masanori Teramachi Employees: 154 Businesses: Manufacture, assembly, and metal heat treatment of precision machinery components for molds, construction machinery, and industrial machinery Office: Osaka Revenue: 4.4 B yen (as of Mar. 2012)

SUGOWAZA



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: 60 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 B yen (as of June 2011)



Yutaka Co., Ltd

Metal products

Uncompromising technical strength based on world standards

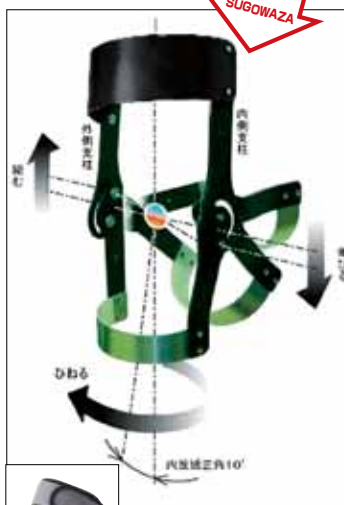
Yutaka makes use of accumulated knowledge and experience to provide high-quality parts to a wide range of industries, in the fields ranging from semiconductors, light electrical appliances and medical equipment to aircraft and space science. The company makes the utmost effort to respond to customer 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: 111 Businesses: Manufacture and fabrication of metal products Revenue: 1.77 B yen (as of Mar. 2012)



SUGOWAZA



Ai Torino Co., Ltd.

General machinery

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.

997-1 Yamanishi-cho Matsuyama, Ehime 791-8026 TEL: 089-953-3950 FAX: 089-953-3990 Founded: Mar. 2005 Capital: 3 M yen President: Manabu Hasegawa Employees: 4 Businesses: Manufacture of medical and welfare equipment/tools Revenue: Non-disclosure



SUGO WAZA

Leading-edge Technologies & Sophisticated Techniques

AdMeTech Co., Ltd.

SUGOWAZA
In Japan
General machinery

Establishment of a new type of tumor therapy

The AMTC200 oncotherapy (tumor therapy) device for animals treats tumors 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 clinical cases, 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.

3 Bunkyo-cho, Matsuyama, Ehime
(Scientific and Industrial Support
Center, Ehime University 3F) 790-8577
TEL: 089-922-3115 FAX: 089-922-3115
http://www.admetech.co.jp
Founded: Sep. 2003 Capital: 168.89 M yen
President: Shinichi Nakazumi Employees: 4
Businesses: Manufacture and sale of medical devices
Office: Tokyo Revenue: 44.35 M yen (as of Mar. 2012)



OCHI MACHINERY CO., LTD.

SUGOWAZA
In Japan
General machinery

Machining that makes use of the characteristics of castings



OCHI MACHINERY CO., LTD.

1016 Tanouwagata, Tanbara-cho,
Saijo, Ehime 791-0522
TEL: 0898-68-7506 FAX: 0898-68-7758
http://www.ochimachinery.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

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.

USHIO REINETSU CO., LTD.

SUGOWAZA
In 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: 310
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: 8.3 B yen (as of Mar. 2012)

ISEKI & CO., LTD.

SUGOWAZA
In Japan
General machinery

Japan's top submitter of patents for seven years running!

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.

Each tractor, rice transplanter, combine harvester or other piece of agricultural equipment utilizes more than 100 patented technologies. The company's ability to develop these technologies is exemplified by its top ranking in Japan for seven years running in terms of patents submitted for evaluation. In addition, the company has taken the top spot overall in terms of patents published in its fields in Japan for ten years straight—top ranking in "agricultural and marine products" since 2000, and top in "other specialized machinery" since 2007.



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: Seiichiro Gamo
Employees: 6,404 Business: Manufacture of
agricultural machinery Offices: 8 domestic BO
(not including sales branches) Revenue: 145.252
B yen (as of Mar. 2012)



IURA CO., LTD.

SUGOWAZA
In Japan
General machinery

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: 70 M yen
President: Yukio Yokohata Employees: 124
Businesses: Research, development,
production, and marketing of welfare
apparatus and care-supporting equipment
Offices: Sendai, Tokyo, Nagoya, Osaka,
Fukuoka
Revenue: 1.38 B yen (as of Sept. 2011)

OKAME SEISAKUSHO Co., Ltd.

SUGOWAZA
In Japan
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: 70 Business: Manufacture of cast-iron
guns Office: Tanbara-cho, Saijo
Revenue: 2 B yen (as of Jan. 2012)



KAWANOE ZOKI CO., LTD.



General machinery

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 <http://www.kawanoe.co.jp>
Founded: Nov. 1944 Capital: 50 M yen President: Masayoshi Shinohara
Employees: 200 Businesses: Manufacture of paper machines, paper processing machinery, finishing machines, etc. Offices: Tokyo-Fuji Factories: Shikokuchuo (Kawanoe, Mishima, Yoki) Revenue: 6.96 B yen (as of July 2011)



SUGOWAZA

Leading-edge Technologies & Sophisticated Techniques

GIKEN KOHKI CO., LTD.

General machinery

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: Yamadai Factory Revenue: 763.63 M yen (as of Mar. 2012)

CellFree Sciences Co., Ltd.

General machinery

Immediate automatic protein synthesis technology

Every aspect of life activity is realized by the work of protein, which plays a main role even in the function of human intellect or emotion. In 2003, the sequencing of the human genome was accomplished, and as a result, the base sequences of many protein genes have been deciphered. However, there remain many proteins whose functions haven't been clarified yet. Similarly, the analysis of protein networks is said to be vital for future drug discovery and disease diagnosis. This company's cell-free wheat germ synthesis technology can enable automatic, yet comprehensive synthesis of these proteins.



CellFree Sciences Co., Ltd.

Ehime University Venture Business Laboratory 4F, 3 Bunkyo-cho, Matsuyama, Ehime 790-8577
TEL: 089-925-1088 FAX: 089-925-1099
<http://www.cfsciences.com/> Founded: July 2002
Capital: 242 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

Obe Machinery & Engineering co., Ltd.

General machinery

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 user's 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: Osaka, Tokyo, Wakayama, and Kashima
Revenue: 3.6 B yen (as of Mar. 2012)



SANKO MACHINERY CO., LTD.

General machinery

Cutting-edge facilities with overhead travelling crane systems



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 overhead travelling cranes, industrial machinery, construction machinery, and processed parts for large size machinery
Revenue: Non-disclosure

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.



Clean Mechanical Co., Ltd.

General machinery

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: 10 M yen
President: Mitsuko Murata
Employees: 35
Businesses: Manufacture of production machinery
Offices: Osaka, Kanto
Revenue: 1.27 B yen (as of Mar. 2011)

DAIO ENGINEERING CO., LTD

General machinery

Using technology to decrease the environmental load



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.

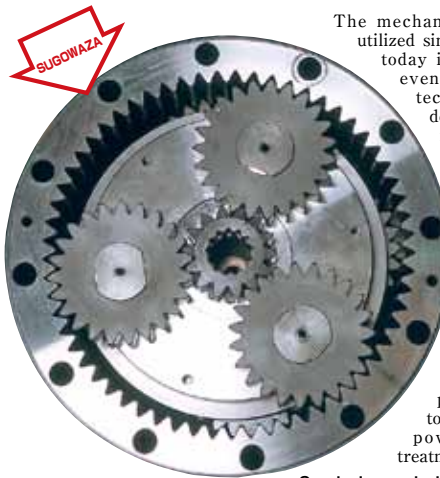
The company uses its technologies in various fields, including recycling, biomass utilization, air and water purification, energy conservation and others.

DAIO ENGINEERING CO., LTD
4765-2 Sangawa-cho, Shikokuchuo, Ehime 799-0431
TEL: 0896-25-3111 FAX: 0896-25-3120
http://daio-eng.co.jp Founded: July 1972
Capital: 60 M yen President: Hisayoshi Tanaka
Employees: 97 Businesses: Engineering of environment-related equipment; manufacture and sale of electronic devices Offices: Head factory, Tokyo, Odawara, Osaka, Nagoya Revenue: 1.6 B yen (as of Mar. 2011)

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 designs and manufactures these important components at its factory, which boasts one of Japan's largest gear shaping lines (10 m x 100 m).

Sogabe Ironworks supplies planetary reduction gears, an important component and the company's leading product, to major construction machinery manufacturers. Approximately 40% of construction machinery 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-iw.jp
Founded: Jan. 1935 Capital: 10 M yen President: Ken-ichi Sogabe
Employees: 114 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, Funaki Factory
Revenue: 4.603 B yen (as of June 2011)



Daisho Tekkoshu Co., LTD

"SUGOWAZA" In Japan

General machinery

Our sheet product manufacturing lines are comprehensive

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



Daisho Tekkoshu Co., LTD
910 Kawanocho, Shikokuchuo, Ehime 799-0101 TEL: 0896-58-0123
FAX: 0896-58-0126 http://www.daisho-iw.com/pc/
Founded: May 1959 Capital: 20 M yen
President: Yoshimasa Fukuzaki
Employees: 110 Businesses: Design, manufacture, and sale of production equipment for sheet products such as special paper, nonwoven fabric, and films Office: (HQ-Factory) Shikokuchuo
Revenue: 3.5 B yen (as of July 2011)



Daiwa Packaging Systems CO., LTD

"SUGOWAZA" In Japan

General machinery

Implementing the world's fastest fully-automated carton formers

From the proposal phase to manufacture and installation, this company's planning system enables the quickest delivery times in the country. They draft proposals based on accumulated know-how and abundant past experience in manufacturing and installation, and refer to past examples while tailoring equipment designs to the customer's operating environment to quickly produce solid specifications.

It goes without saying that the company continually improves upon past successes and updates data for use, and along with proposals the company sets some of the shortest delivery times available in Japan. By relying on experience and database information, they are able to provide reliable products.

Daiwa Packaging Systems CO., LTD

2034 Kitagawara, Masaki-cho, Iyo-gun, Ehime 791-3131
TEL: 089-984-7278 FAX: 089-984-4877
http://www.daiwa-eng.com Founded: Dec. 1990
Capital: 30 M yen President: Tomio Nakaya
Employees: 36 Businesses: Manufacture of various packing equipment, logistics machinery, logistics devices, logistics equipment, and robots for industrial use Offices: Osaka, Tokyo Revenue: 1.6 B yen (as of May 2010)



NIPPON CAREER INDUSTRY CO., LTD

"SUGOWAZA" In 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: Hitoshi Nakano Employees: 65
Businesses: Manufacture of production machinery and equipment
Office: Tokyo, Kyushu
Revenue: 1.32 B yen (as of July 2011)

TOP SYSTEM Co., Ltd

General machinery

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

3-60 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: 34 Businesses: Design, processing, and installation management of pharmaceutical mechanical equipment, energy-saving equipment, etc. Offices: Tokyo, Osaka Revenue: 839 M yen (as of Mar. 2011)

Decreased costs resulting from finely honed techniques

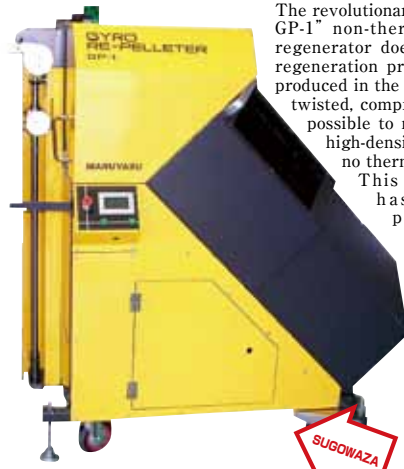


Take the example of an unusually shaped blade: Using such a product will result in the problem of bending due to the product's own weight. However, Hagio Kikai shows its true artisanal expertise by taking this into consideration and manufacturing the product with pre-strain built into the design. The technology used to manufacture airtight welded containers without machining and smoothly applying a gas seal finishing layer is another technique the company has spent much time and effort to perfect. Yet another shining example of the company's proprietary technology is the large-scale five-surface finishing machine, whose capabilities can be harnessed to simultaneously process multiple large-sized frames.



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: 29
 Businesses: 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: 460 M yen (as of June 2011)

Unique and innovative technology giving birth to new patents



The revolutionary "GYRO RE-PELLETTER GP-1" non-thermal compressed pellet regenerator doesn't use any heat in its regeneration process: trim loss material produced in the film production process is twisted, compressed and cut, making it possible to manufacture high-quality, high-density reclaimed pellets with no thermal degradation.

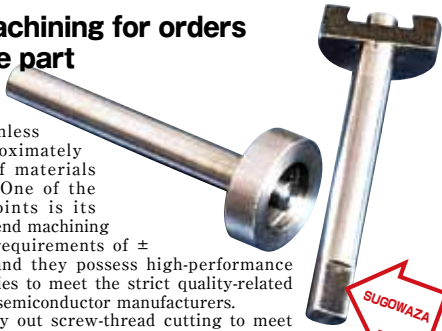
This Maruyasu technology has been successfully patented in Japan, as well as internationally in the United States and Taiwan, and it represents a new type of approach that transcends the norm. Furthermore, by using the above product in conjunction with the company's mixer, the rate of reduction can be significantly improved.

MARUYASU Inc.
 16-32 Toyama-cho, Niihama, Ehime 792-0823
 TEL: 0897-47-6010 FAX: 0897-47-6011 <http://www.e-maruyasu.jp>
 Founded: Mar. 1976 Capital: 25 M yen President: Masae Nomura
 Employees: 12 Businesses: Development, manufacture, and sale of labor-saving equipment for molding plastic
 Revenue: 350 M yen (as of Mar. 2012)



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 ± 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 Iioka, 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 Businesses: Design, manufacture, and assembly of semiconductor manufacturing equipment parts, vacuum-related parts, and automated machinery
 Revenue: 360 M yen (as of Sep. 2011)



Reduced energy use through inverter control for the first time worldwide

This company handles the design, manufacture and sales of shipboard deck machinery (winches), cargo cranes and more. In 2009, they were the first in the world to develop low-energy-use operations through use of inverter control. This is achieved by applying conventional inverter-controlled electric deck machinery technology: voltage and frequency can be adjusted using an inverter, enabling speed control of electric motors. This approach results in loading time decreases of 10%-20%. Furthermore, a highly anticipated fully electric-capacitive type is currently under development.



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: 216 Businesses: Manufacture of deck machinery and loading equipment for ships Offices: Tokyo BO, 3 factories in Ehime (Imabari, Saijo), 1 factory in Kagawa (Kanonji) Revenue: 7.75 B yen (as of Sep. 2011)



Their goal is printing devices with high speed and durability

Hikari's "HDP-02k," a high-speed ink-jet printing device for printed circuit boards, can augment work significantly to meet mass-production requirements with high cost performance. For this device, Hikari has successfully developed special UV-cured ink which demonstrates the same adhesive strength as conventional thermoset ink. Their technological abilities are incorporated throughout this device, which features a touch-panel type interface for easy operation, a camera alignment correction function, and so forth.



HIKARI Co., Ltd.
 418-4 Minaminoda, Toon, Ehime 791-0297
 TEL: 089-960-5511 FAX: 089-960-5518
<http://www.hikari-net.co.jp>
 Founded: Jan. 1961 Capital: 99 M yen
 President: Koji Tomita
 Employees: 318
 Businesses: Design, manufacture, sale, and maintenance of automated machinery for streamlined and laborsaving operations; processing of precision parts for hydraulic equipment and agricultural machines
 Offices: Toon, Matsuyama
 Revenue: 5.97 B yen (as of Mar. 2012)



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: 089-979-1230 FAX: 089-979-7126 <http://www.miuraz.co.jp>
 Founded: May 1959 Capital: 9.54 B yen President: Yuji Takahashi
 Employees: 2,678 Businesses: Manufacture of general-purpose machinery and industrial equipment Offices: Matsuyama, Tokyo, Osaka, and more than 100 places throughout the country Revenue: 74,593 B yen (as of Mar. 2012)

SUGO WAZA

Leading-edge Technologies & Sophisticated Techniques

Yokozaki Manufacturing Company Ltd. General machinery

A company offering made-to-order sorters



Yokozaki manufactures weighing and sorting machines with high-precision sorting functionality that are capable of stable sorting at high speeds. Simple product design makes for easy maintenance and operation, and tray size and line length adjustments 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.

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: Yasuhiro Yokozaki
Employees: 30
Businesses: Manufacture and sale of sorting machines
Offices: Uwajima, Sapporo
Revenue: 500 M yen (as of Mar. 2011)

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
<http://www.youtheng.co.jp> Founded: Jan. 1978 Capital: 45 M yen Representative Director and President: Katsumi Sumida Employees: 90
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: Tokyo, Osaka, Matsuyama Revenue: 2.04 B yen (as of Dec. 2011)



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: Mitsuru Sayama
Employees: 40
Businesses: Manufacture of papermaking machines, iron- and steel-making equipment, conveyors, etc. Revenue: 600 M yen (as of Sep. 2011)



Yamasei Co., Ltd. General machinery

Manufacturing that utilizes IT and masterful techniques

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.

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: 148
Businesses: Manufacture of general machinery

ADVANTEC CO., LTD. Electric machinery

Internal and external frameworks for immediate response

Advantec manufactures flanges, clamps and other vacuum components used in semiconductor manufacturing equipment, processes test wafers for research development operations, and provides other types of high-quality finished goods with quick delivery times. The company has internal and external frameworks in place for meeting the strict requirements of major manufacturing companies, which enables them to achieve high quality, wide variety, small-lot production and quick delivery times. The company plans to expand their business in the solar power field such as solar wafers and panels, and already handles select products.

ADVANTEC CO., LTD.
293-1 Minato, Saijo, Ehime 793-0046
TEL: 0897-53-7711 FAX: 0897-53-7733 <http://www.advantec-japan.co.jp>
Founded: May 1995 Capital: 41 M yen Executive Directors: Masahide Yamana Employees: 108
Businesses: Manufacture of evacuated piping and parts for semiconductor equipment; sale of silicon wafers for tests, etc.
Offices: Yokohama, Osaka, Fukuoka, Yamanashi, Nagano, Nagasaki, Tokyo
Revenue: 9 B yen (as of Mar. 2011)



Iio Electrics Co., Ltd. Electric machinery

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.

Iio Electrics Co., Ltd.
1554-1 Hagyu, Niihama, Ehime 792-0050
TEL: 0897-55-8122 FAX: 0897-55-2548
<http://www.iiodenki.co.jp> Founded: Apr. 1947
Capital: 10 M yen President: Takashi Iio Employees: 22
Businesses: Manufacture and repair of heavy electrical machinery
Offices: Saijo port factory Revenue: Non-disclosure

SUGO WAZA

Leading-edge Technologies & Sophisticated Techniques

Wintec Co., Ltd.

 Electric machinery

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



ENSOUND Co.,LTD.

 Electric machinery

Speakers with delicate tone quality and design



ENSOUND,LTD.
#101 Dai-14 Sarwa Mansion, 7-10-12 Sanban-cho, Matsuyama, Ehime 790-0003
TEL: 089-921-6768
FAX: 089-921-6774
<http://www.ensoundspeakers.jp>
Founded: Jul. 2011
Capital: 5 M yen
President: Junichi Kan
Employees: 1
Businesses: Manufacture, sale, and royalties of Soft Enclosure Speaker
Revenue: Non-disclosure

Ensound has developed tube-shaped speakers that revolutionize the conventional boxed-shaped speaker design approach. They are made using traditional bamboo ware, carpeting, plastic and various other types of material. The "Kujaku" (peacock) speaker system, which features a woven bamboo shade and interior lights, is a popular interior goods product that was awarded the grand prize at the 2010 Tokyo Business Summit. The "Harpy" is a speaker unit embedded in a cushion that can be connected to an audio player device for enjoyment of music anywhere.



Cyber Co., Ltd.

 Electric machinery

An electronics think tank that understands customer needs



Cyber Co., Ltd.
1-8-21 Nakamuramatsugi,
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: 43
Businesses: Software development; design and production of electronic circuitry
Revenue: 410 M yen (as of Mar. 2012)

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.



MCOT Co., Ltd.

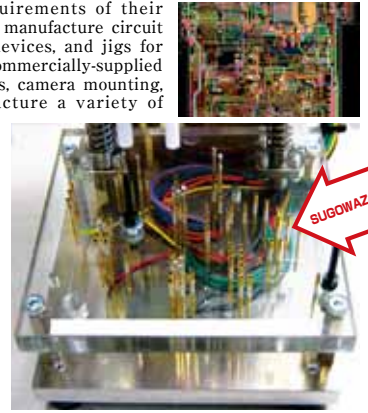
 Electric machinery

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.

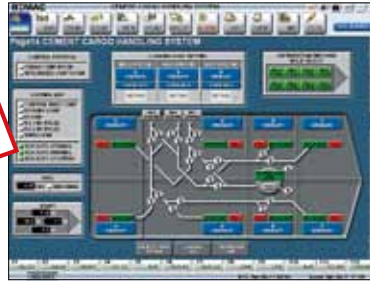
MCOT Co., Ltd.
1-5-12 Yoghigashi, Matsuyama, Ehime 790-0044
TEL: 089-973-2901 FAX: 089-973-4805 <http://www.mcot.co.jp/> Founded: Dec. 1993 Capital: 10 M yen
President: Tatsuya Yamamoto Employees: 14 Business: Manufacture of equipment for professional use
Revenue: 150 M yen (as of Oct. 2011)



Uzushio Electric Co., Ltd.

 Electric machinery

Information sharing through intelligence operations between land and sea



Uzushio Electric Co., Ltd.
1520 Ko, Kuo, Onishi-cho, Imabari, Ehime 799-2294
TEL: 0898-53-6111 FAX: 0898-53-2266
<http://www.bemac-uzushio.com> Founded: Jul. 1956
Capital: 60 M yen President & C.E.O.: Masato Oda
Employees: 847 Business: Land-based equipment for ships, buildings, factories, and facilities, manufacture, sale, and installation of power control, power distribution, and communication devices
Offices: HQ-Onishi Factory, BO-Tokyo, Osaka, Mirai Factory, and 4 other factories, 7 sub-BO Revenue: 21.6 B yen (as of Mar. 2011)

BEMAC Uzushio Electric started out in sales and charging of storage batteries for fishing boats, and grew into a general contractor providing various types of electric equipment and information. 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 all company departments to make use of information collected from ships using engine monitoring equipment (data loggers) and communicated via Internet/intranet networks in land-based offices. This groundbreaking system enables increased "intelligence" on ships.



Sealive.Inc.

 Electric machinery

High-tech sterilizers that are reshaping the medical field

Members of leading-edge medical fields have high expectations for this company's new vapor sterilizer. Conventional technology is lacking in terms of nucleolytic capability, and there are also problems related to bacterial resistance, corrosion, health and other factors. Sealive utilized its nucleolytic gas technology and instrumentation technology to overcome these shortcomings and develop DNA- and RNA-free bacterial management technology, which has been widely adopted in medical and pharmaceutical facilities as well as in physics and chemistry fields. In the field of space science, the company also provides reliable design development 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: 12
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: 127 M yen (as of Aug. 2011)





System LSI Co., Ltd. Electric machinery

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: 10 M yen CEO: Kazuhiro Nakaura Employees: 15 Businesses: (1) LSI design & hardware development, (2) Development of built-in-system type LSI software, (3) Installed on LSI development, (4) Application Software development, (5) Others Offices: Yokohama Technology Development Center Revenue: 250 M yen (as of May 2011)



Tanaka Giken Co., Ltd. Electric machinery



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, Dannous, Saijo, Ehime 799-1313 TEL: 0899-66-4011 FAX: 0899-66-4022 <http://www.tanakag.co.jp> Founded: Nov. 1990 Capital: 30 M yen President: Masao Tanaka Employees: 128 Businesses: Manufacture of electronics, semiconductor equipment parts, aircraft parts, and medical equipment parts Offices: Kuwamura Factory, Hojo Factory Revenue: 413 M yen (as of Mar. 2012)

Panasonic Healthcare Co., Ltd. Electric machinery

Utilizing the comprehensive strength of the Panasonic Group



Making use of the comprehensive strength at the position as a member of the Panasonic Group, Panasonic Healthcare develops products in the three fields of hospital operations support, at-home healthcare, and early diagnosis and treatment. Sensors developed by the company for use in household glucose measurement systems, which enable measurement of glucose levels, are in high demand and occupy the top market share position in Japan. The company discovered and developed a practical implementation for a new enzyme that isn't affected by measurement-obstructing substances in blood measured by sensors, receiving the Agricultural Chemistry Technical Award for its efforts.

Panasonic Healthcare Co., Ltd.
2131-1 Minamigata, Toon, Ehime 791-0395
TEL: 089-960-1620 FAX: 089-966-1637 <http://panasonic.co.jp/phc/> Founded: Nov. 1969 Capital: 7,973.3 M yen President: Kenji Yamane Employees: Approx. 3,000 Businesses: Manufacture of medical electronic machines and appliances Offices: Matsuyama, the capital region, Saijo, Waki-machi, and Yokohama, Gunma, Yokkaichi, San Jose, and others Revenue: Non-disclosure

CHUYO ELECTRONICS CO., LTD. Electric machinery

Maximized performance from minimal investment

By collaborating with companies worldwide through EM2S (electronics manufacturing management service), this company achieves maximized performance from minimal investment. They utilize the latest equipment and the skills of seasoned technicians to flexibly meet customers' needs. The company implements highly original measures to attain productivity improvements. They diligently carry out manufacturing operations, handling production as well as circuit board design, contracted software development and design, various types of reliability testing, and more.



CHUYO ELECTRONICS CO., LTD.
588-3 Takanoko-machi, Matsuyama, Ehime 790-0925
TEL: 089-970-3100 FAX: 089-970-1511 <http://www.celco.jp> Founded: June 1964 Capital: 10 M yen CEO and President: Yoshinori Miyajima Employees: 1,765 Businesses: Manufacture of Electronic parts, electronic circuitry, electronic machines and appliances, etc. Offices: New Osaka BO, 5 domestic factories, 7 overseas factories Revenue: Non-disclosure



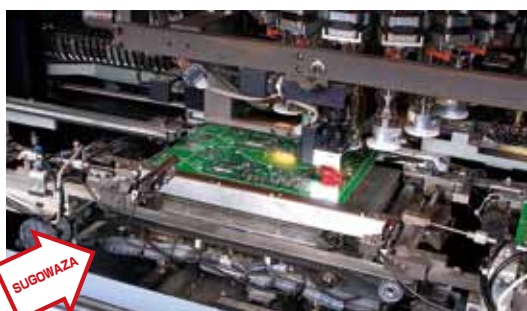
Nippon System Group Co., Ltd. Electric machinery

Electronic goods supported by cutting-edge technologies

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.



Nippon System Group Co., Ltd.
6-22 Hiuchi, Saijo, Ehime 793-0003
TEL: 0897-52-1508 FAX: 0897-52-1509 <http://www.nsr.co.jp> Founded: Mar. 1990 Capital: 10 M yen President: Shinobu Bunno Employees: 100 Businesses: Manufacture of electronic parts, devices, liquid crystal panel screens, and flat panel screens Revenue: 2 B yen (as of Sept. 2011)



Nishiki Densoh Co., Ltd. Electric machinery

Combining advanced steel fabrication and control technologies

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 large-crane electric room pictured below is an excellent example of one product produced by combining the strengths of both companies: thin-plate fabrication and control technology.

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: 36 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: 760 M Yen (as of May 2011)



RiverTec Corporation.

Electric machinery

Ultra-precise controllers for a wide variety of applications



RiverTec's compact microcontrollers, RTM Series, have been widely utilized in a range of industrial applications since they went on sale in 1995, including electric railway carriages, medical devices, construction machinery, agricultural machinery, electric vehicles, elevators, monorails, prime movers and more.

A major selling point for the company's products are their digital, analog and CAN transmission circuits and other circuit types, designed with noise, vibration and waterproofing/drip-proofing and similar performance countermeasures in consideration of the operating environment, and also designed using technology to reduce wiring requirements. In addition, RiverTec accepts product development orders as an OEM to meet customer needs.

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: Hitoshi Kawasaki Employees: 13 Businesses: Development, manufacture, and sale of microcomputer controllers (soft and hard); design and manufacture of various control panels; development, manufacture, and sale of various laborsaving equipment; processing and sale of wire harnesses; sale of electric control equipment and electronic parts Offices: Tokyo Revenue: 300 M yen (as of Sept. 2011)



HOKUTO Inc.

Electric machinery

A unique development group serving as leaders of our time



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: Keiko Takahashi Employees: 16
Businesses: Manufacture and sale of fish processing machinery and electronic parts
Revenue: 100 M yen (as of Sep. 2011)

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.

IWAKITEC CO., LTD.

Transportation machinery

Scale and technique: Hatch covers forging bonds of trust



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: 239 Businesses: Design and manufacture of marine equipment (hatch covers, liftable decks, etc.); hull construction
Offices: Innoshima Factory, Mukaishima Factory
Revenue: 10 B yen (as of Mar. 2012)

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 400 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.



ASAKAWA SHIPBUILDING Co., Ltd.

Transportation machinery

Completely unique chemical tankers

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



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.



ATEX CO., LTD.

Transportation machinery

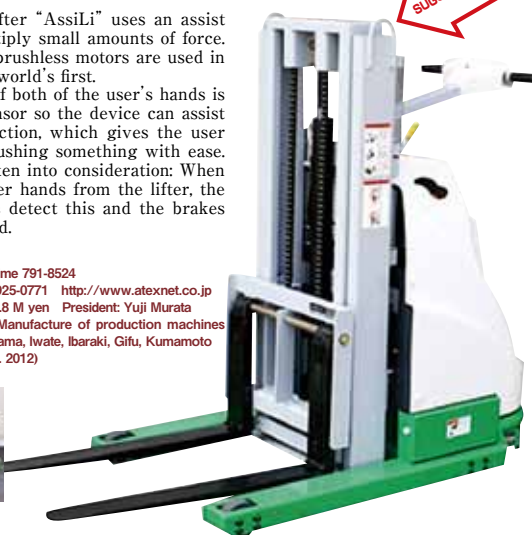
Effortlessly push heavy items by hand

Atex's electric-assist lifter "AssLi" uses an assist function to greatly multiply small amounts of force. Two maintenance-free, brushless motors are used in the actuator section—a world's first.

The movement (force) of both of the user's hands is detected by a strain sensor so the device can assist in the appropriate direction, which gives the user the sensation of hand-pushing something with ease. Safety has also been taken into consideration: When the user removes his/her hands from the lifter, the strain and light sensors detect this and the brakes are automatically applied.

ATEX CO., LTD.

1-2-5 Kinuyama, Matsuyama, Ehime 791-8524
TEL: 089-924-7161 FAX: 089-925-0771 <http://www.atenet.co.jp>
Founded: Mar. 1934 Capital: 60.8 M yen President: Yuji Murata
Employees: 180 Businesses: Manufacture of production machines and appliances Offices: Matsuyama, Iwate, Ibaraki, Gifu, Kumamoto
Revenue: 4,106 M yen (as of Jan. 2012)



IMABARI SHIPBUILDING CO., LTD.

Transportation machinery

Striving daily to expand the potential of shipbuilding

Imabari Shipbuilding strives to build the next generation of ships based on its corporate philosophy, "growing together with ship-owners." In 2001, the company celebrated the 110th anniversary of its founding, by this time they had successfully constructed 1,900 ships. The eight shipbuilding facilities at Imabari Shipyard, Saijo Shipyard, Marugame Headquarters, Koyo Dockyard, I-S Shipyard, Shimanami Shipyard, Iwagi Zosen and Shin Kasado Dockyard belong to the same Imabari Shipbuilding Group, and in 2010 they built a total 101 ships. The Group is top in Japan for number of ships built. Imabari Shipbuilding is also actively undertaking the development of energy-efficient ships that utilize wind and solar power generation systems, the principle of air lubrication, etc.



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: 978 M yen President: Yukito Higaki
Employees: 1,164 Businesses: Constructions of various kinds of vessels
Offices: Imabari, Saijo, Marugame, Tokyo, and Amsterdam Revenue: 433.2 B yen (as of Mar. 2011)

SUGOWAZA

Leading-edge Technologies & Sophisticated Techniques



Higaki Shipbuilding Co., Ltd. Transportation machinery

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.



At the company's Namikata Factory, completed in 2008, all operations from receipt of steel materials to assembly are fully automated. Integrated production of hull blocks achieves drastically shortened construction times as well as reduced costs. The company has successfully manufactured 600 ships since its founding, and it continues to make steady progress.

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: Kiyotaka Higaki
Employees: 110 Businesses: Construction and repair of various kinds of steel vessels Offices: Tokyo Revenue: 19.6 B yen (as of Mar. 2012)

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: Masanori Hino
Employees: 60 Businesses: Manufacture of transportation machinery and equipment, construction (except for installation) Offices: Kanto (Tochigi), Chubu (Aichi), Kyushu (Kumamoto)
Revenue: 1,112.74 M yen (as of Apr. 2011)



Matsuyama Kigata Inc. Transportation machinery

Manufacturing that combines digital and analog approaches



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
Businesses: Manufacture of general machinery and equipment
Revenue: Non-disclosure



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.

Yoneyama Agricultural Machinery Manufacturing Co., Ltd. SUGOWAZA In Japan Transportation machinery

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.

3-2-15 Kukodori, Matsuyama, Ehime 791-0054
TEL: 089-972-0354 FAX: 089-971-5790
<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: 660 M yen (as of Dec. 2011)



Pal Software Service Inc. IT/tech

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.palssoft.co.jp> Founded: Apr. 1990
Capital: 28 M yen President: Shinichi Takaichi Employees: 67
Businesses: Manufacture and sale of computer software and hardware
Offices: Tokyo Revenue: 1.43 B yen (as of Mar. 2012)



Shikoku System Product Co., LTD. IT/tech

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
Offices: Tokyo Revenue: 136 M yen (as of Mar. 2012)

SUGOWAZA

Leading-edge Technologies & Sophisticated Techniques

MENDORI INFORMATION TECHNOLOGY CORPORATION



IT/tech

Simple medical/fire emergency report using "Gachapi"



The Mendori Information Technology Corporation has successfully developed a wide array of systems for all types of customers, ranging from local governments to individuals. The "Gachapi" emergency Web report system product developed by the company provides the way to contact 119(Japan's emergency number for fire and medical emergencies) for a person who has a hearing impediment.

Users follow the on-screen instructions on their mobile phones to notify the fire department headquarters in an emergency. This system has received national firefighting IT certification, and it accounts for the top share in Japan among Mobile Web 119 notification systems.

MENDORI INFORMATION TECHNOLOGY CORPORATION

8-66 Minamikomatsubara-cho, Niihama, Ehime 792-0863
TEL: 0897-37-6637 FAX: 0897-37-6866 <http://www.mendori.co.jp>
Founded: June 1995 Capital: 10 M yen President: Keishi Mendori
Employees: 12 Businesses: Development of web applications
Revenue: Non-disclosure

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 been introduced in approximately 400 companies, including some overseas. In addition, the "Pokanon Light" provides easy checking for a wide variety of applications.



※ The handheld terminal is made by KEYENCE CORPORATION.

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: Masahiko Ito
Employees: 5 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

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: Yorozu Ochi Employees: 30 Businesses: Various outdoor tents, food equipment, medical equipment, products related to disaster prevention and indoor events Revenue: Non-disclosure

KANEKO Co., LTD.



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. 2012)



Fujika Inc.



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, Kitauwa-gun, Ehime 798-1367
TEL: 0895-45-2468 FAX: 0895-45-1411 <http://www.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. 2012)

愛媛ものづくり企業「すご技」データベース

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

愛媛企業の「日本一」情報を満載!

愛媛には地域の歴史や文化に根ざした、特色ある多様なものづくり企業が数多く集積しています。これらの企業が有する優れた技術や製品に関する情報をデータベース化し、公開しています。企業検索機能や、愛媛県の産業紹介も充実。異業種間のビジネスマッチングにきっと役立てて頂けます。

好評公開中!!

Database of "SUGOWAZA" Manufacturing Companies in EHIME

**Leading-edge Technologies &
Sophisticated Techniques**



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

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[Support Desk for Corporate Activities in Ehime]

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4-4-2 Ichiban-cho, Matsuyama 790-8570
TEL: 089-912-2473 FAX: 089-912-2469
E-mail: sangyosoyutsu@pref.ehime.jp

● **Other Inquiries**

Economic Planning Section, Industrial Policy Division
TEL: 089-912-2475 FAX: 089-912-2259
E-mail: sangyoseisaku@pref.ehime.jp