

福島県白河圏域複合企業体
Fukushima Prefecture, Shirakawa Conglomerate

白河素形材ヴァレー

Shirakawa Sokeizai Valley

www.shirakawa-valley.com

English version

Importance of the Sokeizai Industry

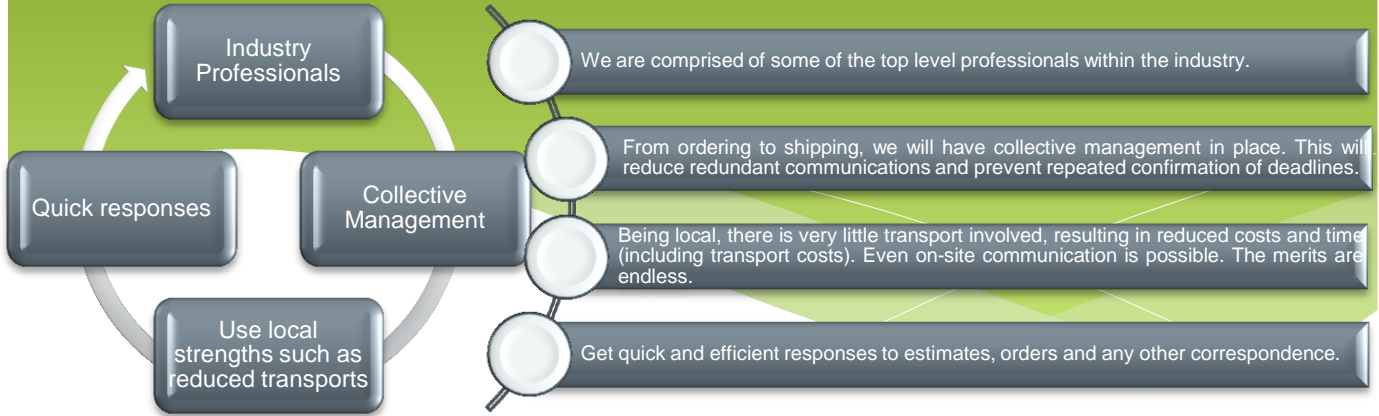
The word “Sokeizai” is not commonly heard. “Sokeizai” are materials that form important products that we use today. For example, automobiles use over 20,000 various parts that utilize Sokeizai in the form of castings (engine), forgings (transmission) and moldings (body). Other products we use in our daily lives such as cell phones and PCs are created by machinery that is comprised of Sokeizai. Even precision moldings use Sokeizai. The “Sokeizai Industry” is described as, “an industry where, through various processing technologies, such as heating and pressuring, the materials are processed into a form that meets the functional properties sought for use, an industry machinery and devices necessary for such processing are manufactured, and an industry that imparts special properties to products by conducting specific treatment, such as heat treatments.” Industries classified include iron/non-iron casting, die casting, forging, stamping, powder metallurgy, heat treatments, metal molding, casting device creation and more. Sokeizai processing is part of our daily lives in the form of household and electrical products, information devices, transportation devices, manufacturing devices and more. The Sokeizai industry is an invaluable support industry, and without it, the livelihood and culture that we enjoy today would not be possible.

Group Companies

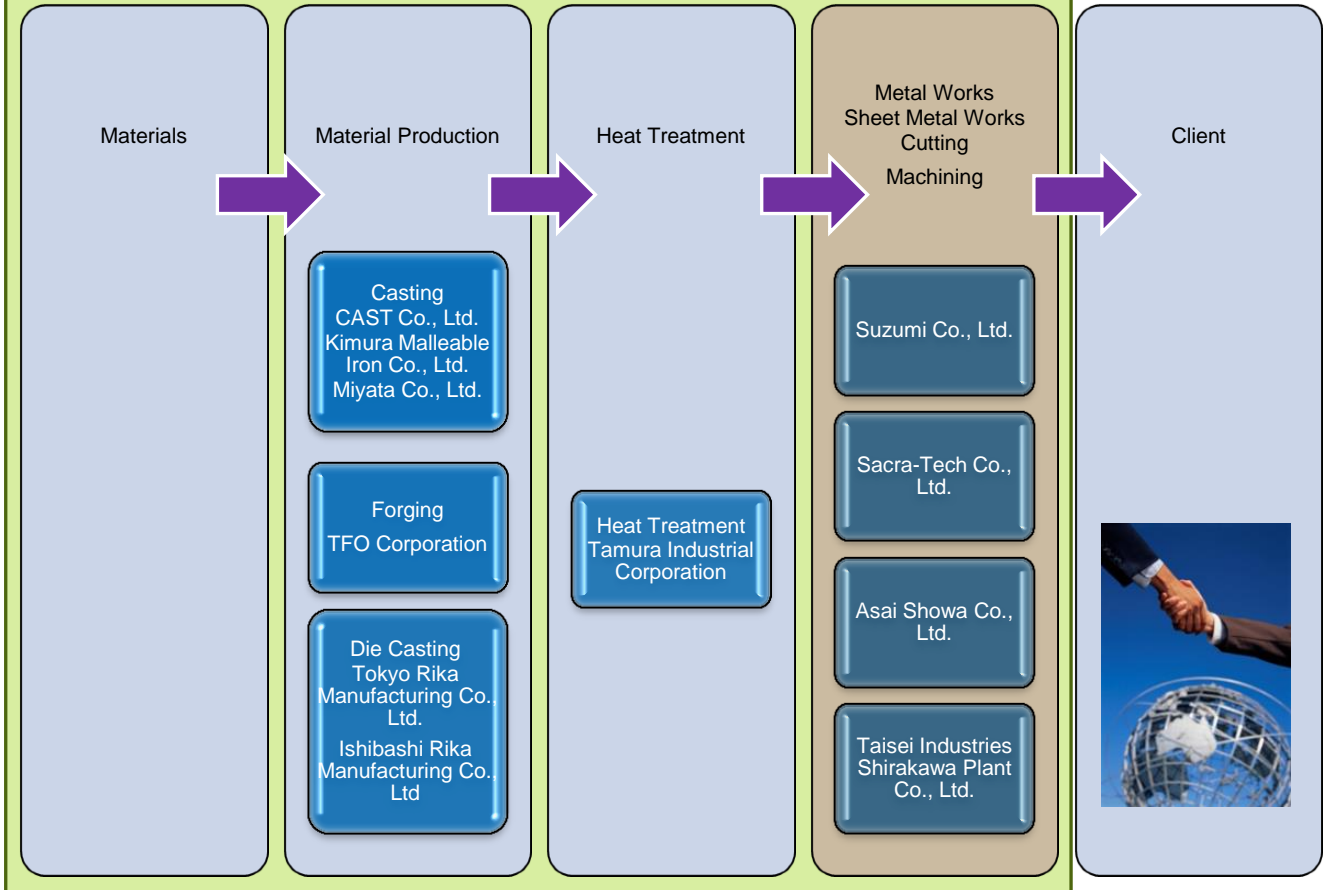
Industry	Company	Details	Web Address
Casting	CAST Co., Ltd.	Production and sales of normal cast iron, ductile iron, super cast iron, super tensile strength iron and more. Orders can be from 50kg to 4,000kg.	www.kkcast.co.jp
	Kimura Malleable Iron Co., Ltd.	Production, processing and sales of ductile iron, malleable cast iron, and normal cast iron products. Orders can be made from 150g to 35kg small lots to mass-production and prototypes can be made as well.	www.kimura-katan.co.jp
	Miyata Co., Ltd.	Specializing in manufacturing normal cast iron. Orders can be made from as small as 100g to 35kg lots.	www1.ocn.ne.jp/~miyatafc
Forging	TFO Corporation	Production and sales of iron and non-iron heat tempered products. Orders for 300g to 20kg product lots used for automotive, bike, construction machinery and agricultural machineries and more can be made. From designing shapes to prototyping to evaluation to mass production, we can meet your needs and requirements.	www.tfo-corp.co.jp
Die Casting	Tokyo Rika Manufacturing Co., Ltd.	Production and sales of general die cast used in EV/EHV automobiles and semi-solid cast iron with low amounts of cavities. We have die cast machines weighing 140t to 1,650t.	www.tokyorika.co.jp
	Ishibashi Rika Manufacturing Co., Ltd.	Our company group can provide an entire production line for die cast products from mold prototyping (at headquarters) to forging (at headquarters) to processing (at Shirakawa) to finishing and painting of the product (at headquarters).	www.ishibashirika.co.jp
Heat Treatment	Tamura Industrial Corporation	Our Fukushima manufacturing company has 3 lines of heat processors that can produce products from as little as 1kg up to 4,000kg in weight. Works include quenching and tempering (water/oil), normalizing, annealing, stress reduced annealing, melting and other heat related material processes. We can use various metals such as steel for machine structural use, cast iron, cast steel, stainless steel, heat-resistant steel.	www.tamura-kougyo.co.jp
Sheet Metal Works	Suzumi Co., Ltd.	We offer precision sheet metal production such as brackets, panel covers, housings and more. We are able to work with SPCC/AL/SUS 0.5mm to 3.2mm sheets.	www.suzumi.co.jp
Machining and Cutting	Sacra-Tech Co., Ltd.	We produce non-iron metal cutters, and can also produce a single product, prototypes and mass produced products using aluminum, stainless steel and other difficult-to-cut materials. We can also provide for planning and development services for FA machinery.	www.sacra-tech.co.jp
	Asai Showa Co., Ltd.	Casting, forging, and other crafting of parts is our specialty. With the collaboration of our group company, we can offer optimum products by providing for material procurement, manufacturing and assembling as well.	www.asai.co.jp/ep/asai_showa.html
Metal Presses	Taisei Industries Shirakawa Plant Co., Ltd.	We have handled automotive parts from molds to crafting to planning of the transfer system as well. We are a complete stamping company able to provide prototyping parts, stamping and welding of parts and more.	www.taisei-ind.jp

What is Shirakawa Sokeizai Valley?

With Shirakawa City in the Fukushima prefecture at the helm, multiple Sokeizai industries have come together to form this group. By using techniques such as casting, forging, die casting and more to create materials, and locally processing them including heat treatment, we will provide a stable feed of products for Japan and all of the world. By the use of our knowledge and technology, we will rebuild and revive Fukushima's industry to thrive once again.



Shirakawa Sokeizai Valley



Synergetic Effect

Synergy among the Sokeizai industry company collaborations

[1] Cooperative development of new techniques and technologies

- By sharing the knowledge, techniques and technology of each company, new techniques and innovations can be born, which in turn can raise the overall level of Fukushima's metal works as a whole.

[2] Fortification of local relations through collaborative process management

- Deliverables to clients follow a very common production flow starting with procurement of iron casts, die casting, heat treatments, and then to the actual metal works, all done within the various foundries. But when they do not have the proper facilities, those works are often sent outside of the prefecture. By keeping these works within the group, it complements the process, while keeping the work local, leading to improved relations and overall productivity as a group.

[3] Promoting international development and cooperative ordering

- The difficulties of going global as a mid/small size corporation can be alleviated as a group. Information sharing and business such as joint placement and receipt of orders can be promoted cooperatively with international partners who then can contact directly to order various parts and services. Our conglomerate group can participate in international events, leading to further partnerships. Even international orders received can be shared among the group and then properly allocated for best deliverable results through our heat treatment and machinery and then to our clients.

[4] Cost reduction through cooperative purchasing of materials

- Through the shared purchasing of materials with multiple companies, a scaled merit of cost reduction can be attained. In addition, transportation costs can also be reduced through bulk purchasing with our local participating companies.

[5] Cost reduction through recycling within the conglomerate

- We will seek cost reduction through the recycling of by-products within the group. Metal and machine works, metal stamping, sheet metal works, and other forging industries by nature create by-products. Usually, these are purchased by other parties who then add a margin and sell them back to the industrial cycle. By allowing direct purchase of such waste materials for reuse within the group, it serves to not only recycle, but also raise profit for sellers and reduce associated costs as a whole for buyers.

[6] Cost reduction through cooperative disposal of industrial waste

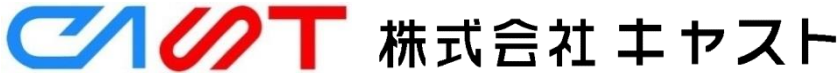
- Being an industry where we deal with metal works, similar industrial waste is created through the manufacturing process. Industrial waste such as sand waste, wooden pallets, used wood molds and the like can be mass handled by a common source between the companies to reduce overall transportation cost and provide an opportunity for further cost negotiations.

[7] Sharing investment in energy efficient facilities

- By sharing investment in energy efficient facilities, cost reductions can be expected. Instead of each company paying consultation fees, by sharing existing energy efficiencies, prevention of dust, effective dust collection, exhaust facility implementation and maintenance can be pursued to optimize the general layout. Investment sharing can also help prevent energy loss and reduce production mishaps which also reduce costs. These endeavors will be pursued further.

[8] Promotion of local community efforts

- We are raising our youth to become talented engineers and are planning for BCP to promote our local communities. By holding periodic meetings with people within the local network, we not only promote local communities, but also instigate new developments that offer opportunities for training. This then offers an opportunity for those involved to generate revenue and promote the community. The various connections here lead to synergy within our conglomerate.



CAST Co., Ltd.
www.kkcast.co.jp

We support Japan's manufacturing business through the manufacturing of Sokeizai (castings). With 120 years of history, our refined skills and newest IT allow us to consistently manufacture [50kg to 4,000kg] of castings. With our clean facilities and talented youth staff, we are creating a path towards a brighter future.



Robotic Part Castings

Robotics are involved in various processes, from putting together cars to lifting, spot welding and more. We produce the casting that is used for robotic arms and bodies, as well as the bases. Many of the castings are hollow, but are generally not too thick. With thickness needing to vary, a lot of high-level techniques have been employed for production.



Construction Machinery Castings

A vibratory compactor is a machine that compacts (rolls over) dirt, sand and asphalt. It is often used in narrow locations such as walkways and for plumbing. We produce the most important rolling part of this machine. This part requires smoothness when touching the surface despite the vibration, so toughness of the part is also required.



Molding Machine Casting

This is an injection molding device that alters plastic particles into a desired form. Casting is used for the actuator and press piece. We create the mold plating and slide parts that we provide for single orders.



Surface Mounter Casting

Printed circuit boards are used in various household products such as cell phones and PCs, as well as in the automotive industry. This device, which places the IC and other electrical parts onto a printed surface board, is called a surface mounter. We produce the framework for the surface mounter. Our casting is complex, but is not very thick.

Shirakawa Factory



会社名	株式会社キャスト
Company	CAST Co., Ltd.
住所	〒961-0302 福島県白河市東上野出島字笹久保2番地
Address	2 Sasakubo, Higashikaminodejima, Shirakawa-shi, Fukushima, Japan
TEL&FAX	TEL 0248-34-3971 FAX 0248-34-3973
URL	www.kkcast.co.jp
Email	info@kkcast.co.jp



Kimura malleable iron Co., Ltd.

www.kimura-katan.co.jp

Founded in 1925, Kimura Malleable Iron has thus far manufactured ductile and malleable iron castings for use in over-sized vehicles, construction and industrial machinery brakes. Quality is expected from us, as we have received approval as a quality assured manufacturer from a major brake manufacturer. We are also credited with ISO9001. We will continue to refine our skills by responding to the needs and wants for quality castings.



Brake Parts

We create the brake parts for over-sized trucks and construction machinery. We have received a seal of approval from our client as a quality assured manufacturer of critical items.



Construction/Agricultural Equipment, Industrial Machinery and Parts

We create hydraulics parts for power shovels, wheels and engine parts, small sized construction machinery parts and compressor parts.



Gas, Water, Electricity Parts

Gas levers and valves, complex water pipes, music venue and studio lighting fixtures, and electrical tower parts for energy companies are created by us.



会社名	木村可鍛株式会社
Company	Kimura Malleable Iron Co., Ltd.
住所	〒961-0004 福島県白河市萱根金ヶ入14番地4
Address	14-4 Kanegairi Kayane, Shirakawa-shi, Fukushima, Japan
TEL&FAX	TEL 0248-23-4761 FAX 0248-23-4765
URL	www.kimura-katan.co.jp
Email	Kimura1@kimura-katan.co.jp



Miyata Co., Ltd.

MIYATA Co., Ltd.

www1.ocn.ne.jp/~miyatafc

We strive to meet current standards in a flexible fashion, and can handle the entire process from the melting of metal to actual distribution. We strictly enforce quality, distribution, and schedule to meet our client orders.

- Automobile:** engine, brake, steering, and other functional components
 - Air conditioning:** air conditioner, cooling system, and other air pressure devices
 - Generator:** generators for 4-wheel, 2-wheel, agricultural and construction machinery
 - Printer:** Industrial large-sized printing machinery
- Miyata features casting parts used in machinery used in people's everyday life.



会社名	株式会社ミヤタ
Company	MIYATA Co., Ltd.
住所	〒969-0101 福島県西白河郡泉崎村大字泉崎山神山8番地1
Address	8-1 Yamagamiyama, Izumizaki, Izumizaki-mura Nishishirakawa-gun, Fukushima, Japan
TEL&FAX	TEL 0248-53-4111 FAX 0248-53-4112
URL	www1.ocn.ne.jp/~miyatafc
Email	miyata@fancy.ocn.ne.jp

TFS ティエフオー株式会社

TFO CORPORATION

www.tfo-corp.co.jp

TFO Corporation was founded in 1930 as Murayama Ironworks and has since supported development of Japan's industry as a manufacturer of hot forging products. We have incorporated forging simulation and structural analysis software tools allowing us to further promote product development and its evaluation as well as handling of an entire production from prototyping to mass production. In order to answer global needs, we supply hot forging products from Japan, the US and Thailand to various industries such as automotive, construction, industrial, and agricultural manufacturers around the world.

Automotive Parts (Iron)

- The forging industry has prospered in tandem with the automotive industry and many of the forged products are being used in automobiles and trucks. We produce such parts as crank shafts, hubs, bearings, and more with quality, thus being approved to work with a high-standard, a QCD intensive automotive maker.

Automotive Parts (Aluminum)

- We have contributed greatly to reducing vehicle weight through the use of our aluminum forgings. The aluminum forgings we provide are used mainly as mobility parts (lower arm, upper arm, knuckle etc.).

2-Wheelers (Iron, Aluminum)

- Many of our forgings are used in 2-wheeler parts. We have supplied iron forged crank shafts as well as aluminum forged bottom bridges, cushion arms, cushion connecting rods, pedals and more to 2-wheeler manufacturers. We also provide quality external parts such as adornments to bikes.

Construction Machinery Parts

- Our forgings are also used widely in construction machinery, which demands resilience. We supply parts such as the links, rollers and more used as components for crawlers.



会社名	ティエフオー株式会社
Company	TFO CORPORATION
住所	〒969-0226 福島県西白河郡矢吹町西長峰550
Address	550 Nishinagamine, Yabuki-machi, Nishishirakawa-gun, Fukushima, Japan
TEL&FAX	TEL 0248-44-2100 FAX 0248-44-2104
URL	www.tfo-corp.co.jp
Email	info@tfo-corp.co.jp



株式会社

東京理化学工業所

Die Casting

TOKYO,RIKA,MANUFACTURING CO.,LTD.

www.tokyorika.co.jp

Founded in 1934, we have consolidated ourselves as specialist to aluminum die casting. Using our refined skills we have acquired through our long history, we are aggressively challenging ourselves with new endeavors such as establishing ourselves in the field of semi-solids, and conducting research on environmental protection through improvements of our products and manufacturing methods.



**Aluminum Alloy
Die Cast
Part Manufacturing**

What is die casting?

Die casting defines both the skill and product derived from precision molds (die) where melted non-iron alloy is pressure cast (casting) to instantly create a form. Because it can mass produce complex shapes and sizes, it is being utilized in various fields.



会社名	株式会社東京理化学工業所
Company	TOKYO RIKA MANUFACTURING CO., LTD.
住所	〒961-0835 福島県白河市白坂陣場15
Address	15 Jinba Shirasaka, Shirakawa-shi, Fukushima, Japan
TEL&FAX	TEL 0248-28-2101 FAX 0248-28-2317
URL	www.tokyorika.co.jp
Email	info@tokyorika.co.jp



石橋理化学工業株式会社

ISHIBASHI RIKA MANUFACTURING

www.ishibashirika.co.jp

Ishibashi Rika Manufacturing is a dreamer and a pursuer of dreams. We set our goal and move toward it with determination, and when we reach our goal, we gain the virtues of durability, patience and concentration, all with the concept that we want to savor the flavor of achieving these goals. We strive to satisfy our customers in all fields, have confidence in what we do and live our lives with pride and passion.

Automobiles

- Engine water pump parts, steering gear box, transmission parts etc.

Electrical and Communication Devices

- Television broadcast devices, cooling fan covers, communication chassis etc.

Industrial Devices

- Outboard motors, industrial sewing machine parts, hydraulic parts etc.

Daily Goods and Others

- Caretaking bed parts, agricultural equipment parts etc.

Shirakawa Facility



会社名	石橋理化学工業株式会社 白河工場
Company	ISHIBASHI RIKA MANUFACTURING SHIRAKAWA
住所	〒961-0021 福島県白河市関迫川前7-41
Address	7-41 Sekibekawamae, Shirakawa-shi, Fukushima, Japan
TEL&FAX	TEL 0248-22-7841 FAX 0248-27-2651
URL	www.ishibashirika.co.jp
Email	info-s@ishibashirika.co.jp

TAMURA KOGYO K.K.

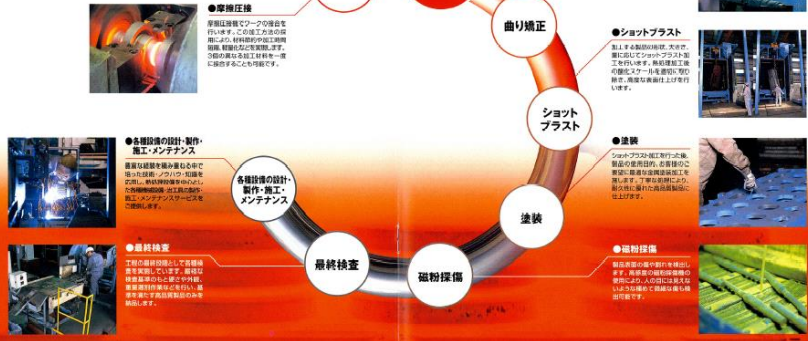
Tamura Industrial Corporation

TAMURA INDUSTRIAL CORPORATION
www.tamura-kogyo.co.jp

Since the founding of the company in 1959, we have followed our company motto of providing "quality, speed and value" for our metal heat treatments. We also provide services such as friction welding, shot blast treatments, coating, welding, heat treatment jig development and equipment maintenance. With 2 factories located in prime areas of Tokyo Ohta-ku, Fukushima Nishishirakawa-gun, and our main factory located in Kanagawa Yokohama-shi and open 24 hours 7 days a week, we handle 8,000t/month in products.

熟練した技術の連携による生産体制で、金属熱処理を始め、各付帯する各種の加工から設備のメンテナンスまできめ細かく対応します。

金属熱処理をメインに、摩耗圧接から設備のメンテナンスまで、当社には長年の実績に裏打ちされた多様な加工技術があります。熟練した技術と、各工程間の密接な連携により、お客様のさまざまな要望に、柔軟かつ確実に対応いたします。



会社名	田村工業株式会社
Company	TAMURA INDUSTRIAL CORPORATION
住所	〒969-0206 福島県西白河郡矢吹町赤沢880
Address	880 Akazawa, Yabuki-machi, Nishishirakawa-gun, Fukushima, Japan
TEL&FAX	TEL 0248-41-1250 FAX 0248-41-1251
URL	www.tamura-kogyo.co.jp
Email	info@tamura-kogyo.co.jp



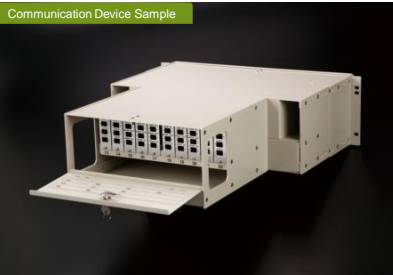
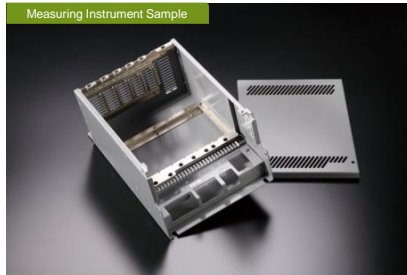
SUZUMI Co., Ltd.

SUZUMI Co., Ltd.
www.suzumi.co.jp

With the way needs change, we introduced [ONE STOP Production] for a flexible approach to satisfy and gain trust from our customers. We will continue to strive for perfection in our field.



Here at Suzumi, we are known to be precision sheet metal workers, working on cutting, boring, bending, welding and other processes. We can also handle coating, silk screen printing and 2nd level processing. We will always strive to meet our customers' needs with the fine care, speed and quality we are known for.



会社名	株式会社スズミ
Company	SUZUMI Co., LTD.
住所	〒969-0101 福島県西白河郡泉崎村大字泉崎上狐山18
Address	18 Kamikitsuneyama, Izumizaki, Izumizaki-mura, Nishishirakawa-gun, Fukushima, Japan
TEL&FAX	TEL 0248-53-2635 FAX 0248-53-2941
URL	www.suzumi.co.jp
Email	suzumi@suzumi.co.jp

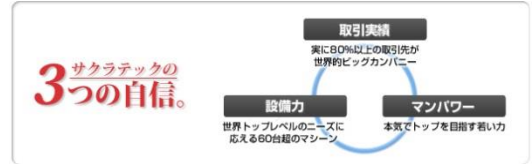
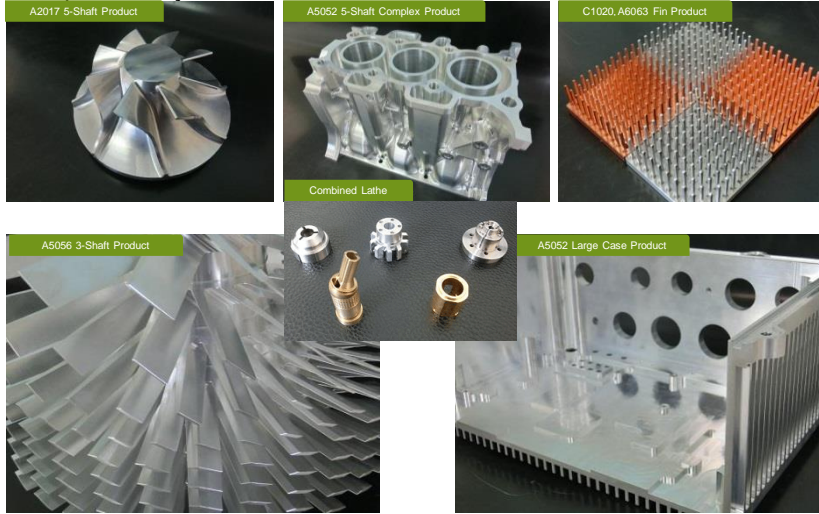


SACRA-TECH Co., Ltd.

SACRA-TECH Co., Ltd.

www.sacra-tech.co.jp

With 52 machines in place, we are a group specializing in precision cutting of complex parts. We handle everything from prototyping to mass production of precision aluminum parts used in various fields from medical, communication, defense, aerospace, semiconductor and more. We also handle the design and development (appearance tester, automatic conveyance device, remodeling of existing equipment etc.) of FA devices and will fulfill our customers' needs to increase their productivity.



会社名	株式会社サクラテック
Company	SACRA-TECH Co., Ltd.
住所	〒961-0835 福島県白河市白坂大倉矢見250
Address	250 Okurayami, Shirasaka, Shirakawa-shi, Fukushima, Japan
TEL&FAX	TEL 0248-28-2126 FAX 0248-28-2570
URL	www.sacra-tech.co.jp
Email	koubai@sacra-tech.co.jp



ASAI SHOWA CO., LTD.

ASAI SHOWA Co., Ltd.

www.asai.co.jp/ep/asai_showa.html

Specializing in the creation of complex parts, we fulfill customer needs for all metal products. Our factory has long-collected process designs and jig creation knowledge which are used in casting, forging, and other processes.



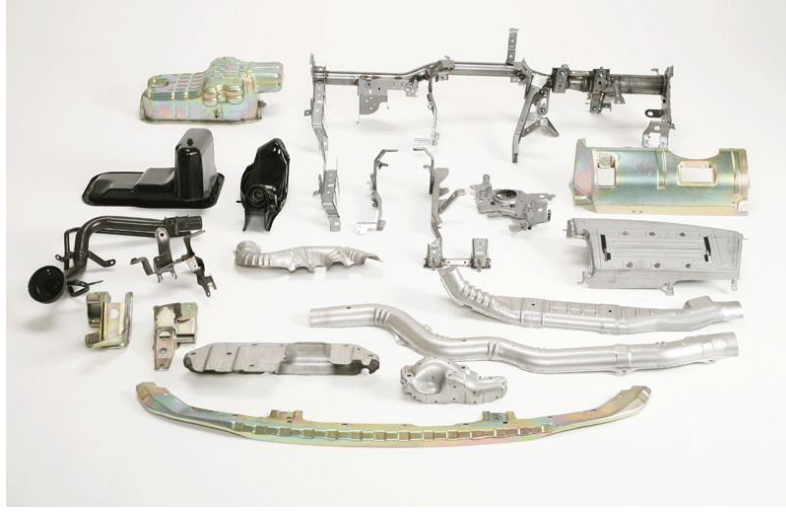
会社名	井ショーワ株式会社
Company	ASAI SHOWA Co., Ltd.
住所	〒961-0304 福島県白河市東工業団地字南5番地
Address	5 Minami, Higashi Kogyo Danchi, Shirakawa-shi, Fukushima, Japan
TEL&FAX	TEL 0248-35-1311 FAX 0248-35-1322
URL	www.asai.co.jp/ep/asai_showa.html
Email	Showa@asai.co.jp



Taisei Industries Shirakawa Plant Co., Ltd.

Taisei Industries Shirakawa Plant Co., Ltd.
www.taisei-ind.jp

Our company was founded in 1946, with our Shirakawa plant achieving its 30th anniversary. Amid the beautiful landscape, we are producing the finest products from high-tensile steel plates, aluminums, and cold-rolled materials using the newest press technology such as transfer molding, progressive molding, and tandem molding, and utilize industrial robotics for spot welding, projection welding, and CO2 welding. With our technology, let us meet your quality, cost and delivery expectations.



会社名	大盛工業白河工場株式会社
Company	Taisei Industries Shirakawa Plant Co., Ltd.
住所	〒961-0304 福島県白河市東工業団地字北一番地
Address	1 Kita, Higashi Kogyo Danchi, Shirakawa-shi, Fukushima, Japan
TEL&FAX	TEL 0248-34-2001 FAX 0248-34-2244
URL	www.taisei-ind.jp
Email	shirakawa@taisei-ind.jp

CSR and Safety in Cooperation

CSR (corporate social responsibility) and Safety

Shirakawa Sokeizai Valley is a conglomerate of various manufacturers. Aside from safety being an obvious concept, as a group and within each company, CSR is a valued concept to help contribute to our locale and its environment. With the support from Sumitomo Rubber Industries Ltd. and Nippon Kinzoku Co., Ltd., both representing Shirakawa, we will strive to promote safety, CSR and strengthen our bonds with our locale.

 住友ゴム工業株式会社

会社名	住友ゴム工業株式会社
Company	SUMITOMO RUBBER INDUSTRIES, LTD.
住所	〒961-0017 福島県白河市双石広久保1番地
Address	1 Hirokubo, Kurabeishi, Shirakawa-shi, Fukushima, Japan
TEL&FAX	TEL 0248-22-3311 FAX 0248-22-5689
URL	www.srigroup.co.jp/corporate/map/shirakawa.html

 日本金属株式会社
NIPPON KINZOKU CO., LTD.

会社名	日本金属株式会社
Company	NIPPON KINZOKU Co., Ltd.
住所	〒961-0303 福島県白河市東釜子字鹿島1番地
Address	1 Kashima, Higashikamako, Shirakawa-shi, Fukushima, Japan
TEL&FAX	TEL 0248-34-2961 FAX 0248-34-2960
URL	www.nipponkinzoku.co.jp



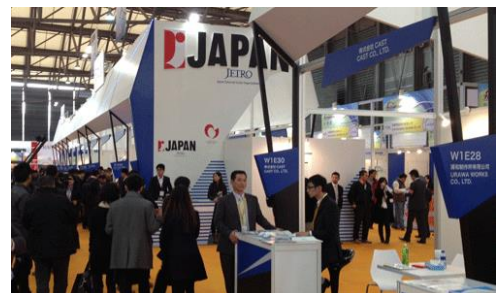
We are located within 18km from Fukushima, Shirakawa city. Through heat treatments and metal works, we can provide safe and stable delivery of completed parts made of metal moldings, forgings, and die casts. We also can take orders requiring precision, such as cutting and sheet metal works. With our quick and friendly response and estimates, we invite you to contact us for your needs.

Access	Distance/Time
JR Tohoku Shinkansen (Bullet Train)	Tokyo → Shin-Shirakawa (1 hour 26 minutes) [northbound]
	Shin-Aomori → Shin-Shirakawa (about 3 hours) [southbound]
Car	Tohoku Expressway Urawa IC → Shirakawa IC (165km) [northbound]
	Tohoku Expressway Aomori IC → Shirakawa IC (509km) [southbound]

Komine Castle



We will also participate in international exhibitions.
 2012.12/11-14 Automechanika Shanghai 2012
 2013.12/10-13 Automechanika Shanghai 2013
 2014.11/19-22 METALEX THAI 2014



www.shirakawa-valley.com

info@shirakawa-valley.com



ふくしまから
はじめよう。

PRIVACY PROTECTED

 www.shirakawa-valley.com
SHIRAKAWA Sokeizai VALLEY