



*Aluminum lightens the world*

## CORPORATE PROFILE

English Version



# *Aluminum lightens the world*

Today, through the supply of high-quality aluminum, the UACJ Group is committed to improving people's lives and helping to realize a more sustainable society.

Aluminum has been in use for about 200 years. It first attracted attention for its robust composition, high functionality and workability. Other qualities, such as high recyclability and light weight, have long made the element important in reducing the environmental impact of industry.

Now, as the world places great value on sustainability, expectations for aluminum are even higher.

For more than 100 years, the UACJ Group has combined technological expertise and creative inspiration to develop a mastery of aluminum.

Today, our focus is sharper than ever.

How can we expand the possibilities of aluminum to create a better global environment?

We believe we will make the world lighter and brighter.



# Leveraging the properties of aluminum in pursuit of added value of materials to become an indispensable company.

For UACJ, 2023 was a year of turning points, being the 125th year since the beginning of the flat-rolled aluminum, while October marked the 10th anniversary of the business integration, and a step forward.

Recently, although we have encountered tremendous changes in the international situation, the spread of COVID-19, and other difficulties, we have steadily executed our structural reforms and overcome various hardships.

On the other hand, the environment in which the Group operates is changing on a daily basis. With the rise of sustainability over the past few years, we are seeing an increase in areas in which aluminum can demonstrate its unique strengths, such as addressing climate change and helping to build a circular economy. Responding to these issues helps us fulfill our Group Philosophy of “Contribute to a prosperous and sustainable society with technologies that bring out the innate power of Materials.”

While leveraging the properties of aluminum to the maximum possible extent to pursue added value of materials and further expand the business, we will enhance the sustainability and prosperity of society, in the form of “aluminum lightens the world,” by taking action to conserve the global environment, expanding into new business sectors, and achieving the goal of UACJ Vision 2030, our long-term management vision.

As one of the world’s leading integrated aluminum manufacturers, we will continue to enhance our production capacity and technological capabilities going forward, improve our ability to respond to social changes, and continue to provide products and solutions from a global perspective as a company that is indispensable to society.



**Shinji Tanaka**  
Representative Director, President

## UACJ Group Philosophy



### Our Purpose

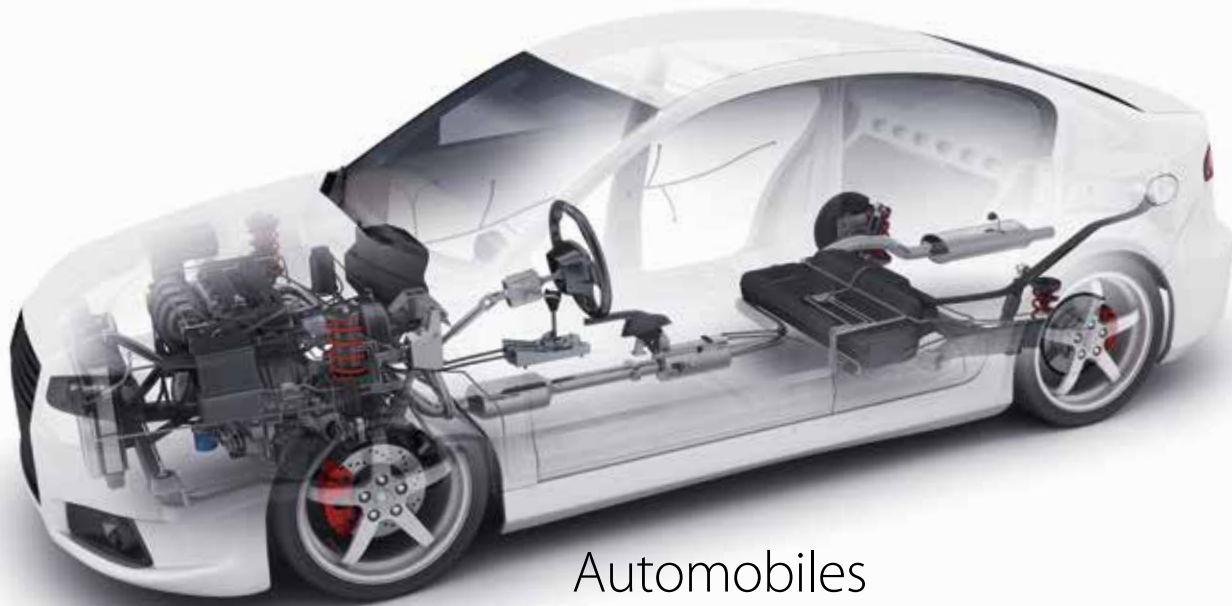
Contribute to a prosperous and sustainable society with technologies that bring out the innate power of Materials.

### Our Vision

Aluminum is our passion. It inspires our work in building a better world and a healthier environment.

### Our Values

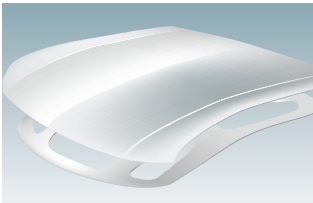
- ▶ Respect and understand your associates.
- ▶ Embrace honesty and foresight.
- ▶ Be curious and challenging.



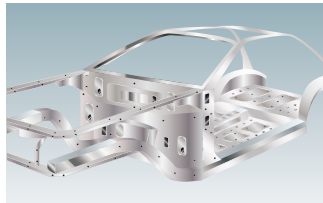
## Automobiles

**Utilizing the benefits of aluminum to improve vehicle performance and mileage**

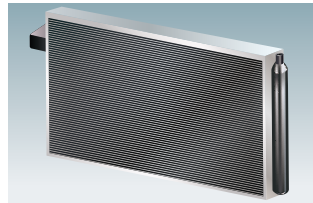
UACJ leverages its technological capabilities and takes advantage of aluminum's light weight and exceptional strength to supply various aluminum parts and components to automakers. These products enhance vehicle performance and also improve mileage by reducing vehicle weight, thereby helping automakers reduce environmental burden.



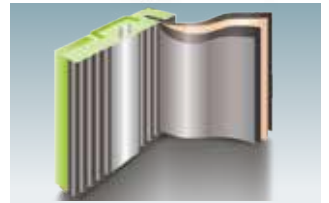
Automotive body panels



Automotive structural materials



Heat exchanger materials



Battery modules

# Aluminum's Power Utilized in Diverse Applications

## Aerospace

**Applying highly advanced technologies to improve safety and fuel efficiency**

UACJ developed ultra-strength duralumin, an aluminum alloy that is an essential material for airplanes. After being improved numerous times, this product contributes to making airplanes stronger and safer as the main alloy used for airplane components today.



## Ships

**Making ships lighter and faster while also improving corrosion-resistance**

UACJ offers aluminum products with the following benefits: light weight increases ship speed, corrosion resistance extends vessel lifetime, and temperature resistance allows for LNG tankers of gases under ultralow-temperature conditions.







## Beverage cans

### **Producing easy to recycle aluminum cans as raw materials**

Aluminum cans are used as recyclable beverage containers in various countries around the world. In Japan, for example, over 90% of aluminum cans are recycled. To help facilitate such efforts to lower the environmental impact of these products, UACJ has installed its own aluminum can recycling facilities.

## Pharmaceutical and food packaging materials

### **Utilizing aluminum's beneficial properties to keep products safe and dependable**

Pharmaceutical and food packaging materials must be non-toxic and safely preserve and protect their contents. UACJ supplies user-friendly aluminum foil packaging materials that meet these requirements by applying its surface processing and lithography technologies.



## IT devices

### **Improving mobile smart devices using lighter and stronger materials**

Responding to the need for lightweight, durable, and stylish smartphones, tablet computers and other mobile devices that have become indispensable for people's lives, UACJ supplies aluminum components that allow its customers to manufacture a diverse range of products.



## Building materials

### **Utilizing aluminum's diverse properties to improve productivity and urban design**

UACJ supplies aluminum building materials to construction companies, helping them work more efficiently and make urban areas more attractive by taking advantage of aluminum's beauty, corrosion resistance and durability.





## Over one million tons of production capacity

As a world-leading aluminum manufacturer with over one million tons of annual production capacity, UACJ delivers high-precision and dependable products of the highest quality to customers all over the world.

**Aluminum's Power**  
**Maximized**





Hot rolling line

## World-leading manufacturing facilities

The UACJ Group operates many uniquely equipped manufacturing facilities, including one of the world's largest hot rolling mills featuring a total length of 400 meters and a width of 4.3 meters. It also owns Japan's largest melting furnace and a highly productive four-stand hot finishing rolling mill. Leveraging these facilities, the Group can manufacture high-quality goods and massive products that its competitors cannot produce.



Four-stand hot finishing rolling mill



Using a trial rolling line

## Integrating R&D with manufacturing technologies

UACJ's manufacturing and research divisions work closely together to promptly respond to the needs of customers, allowing UACJ to supply highly dependable products that enable customers to raise product quality and boost productivity.

# Taking Aluminum's Power to the World

Europe

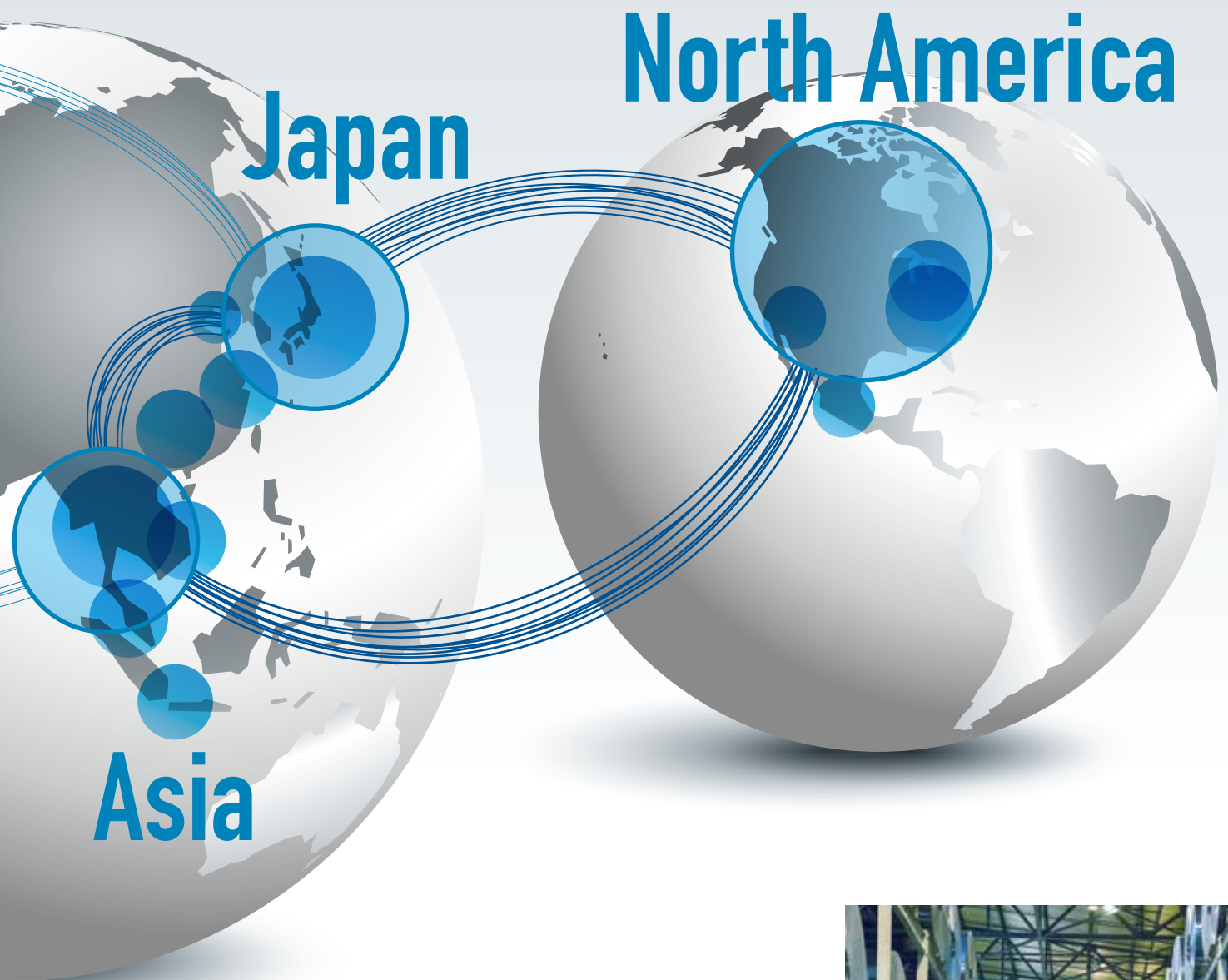


## A global supply network based in Japan, the U.S. and Thailand

As an international aluminum manufacturer, the UACJ Group has established a global supply network. From Japan, the Group efficiently supplies a wide range of products to markets in Asia by leveraging an optimized production system comprised of three factories at the helm of its flat rolled products business. The Group also utilizes its manufacturing plant in Thailand—the only fully integrated flat rolled aluminum facility in Southeast Asia—to supply can stock, automotive body sheet and heat exchanger materials, demand for which is on the rise in tandem with Asia's economic growth. From the United States, the Group supplies can stock to the North American market primarily manufactured at Logan Mill, which has achieved the world's best productivity for can stock manufacturing. It also supplies high-quality aluminum parts and components with the strongest brand power in North America in response to rapidly growing demand in the automotive market. In addition, the Group's manufacturing facilities in the Czech Republic supply heat exchanger materials to the European market. All of these production facilities work together to meet global demand while complementing each other's operations and regions.







# **Tapping Aluminum's Potential for the Future**



## Supplying aluminum materials that substantially reduce environmental impacts and create new value

UACJ is making the most of aluminum's potential to manufacture products that offer outstanding environmental performance. For example, it supplies aluminum auto parts and components that reduce the overall weight of automobiles, which results in less CO<sub>2</sub> emissions. UACJ also promotes widespread recycling in society, particularly by using recycled aluminum cans in the manufacturing of its aluminum can stock.

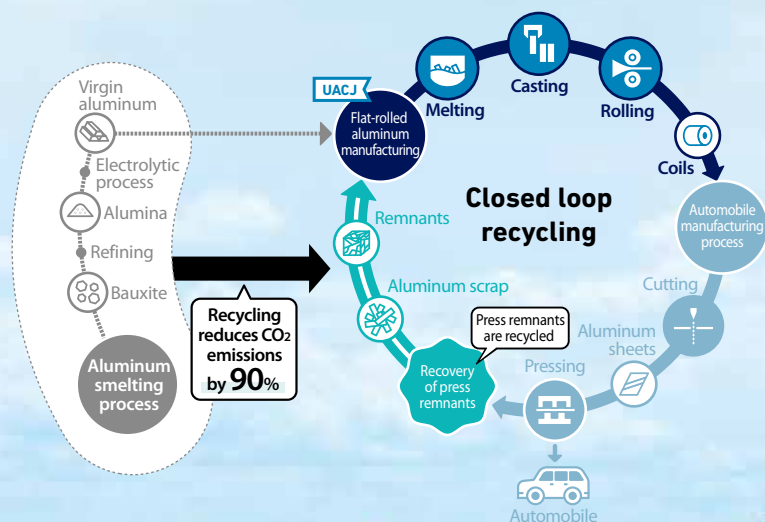
To open up more possibilities for aluminum and broaden its appeal, UACJ developed a new brand of aluminum products and materials called ALmitas+ and launched it in September 2023. Together with various business partners, the Company has been co-creating new applications for ALmitas+ to enhance and add value to their products. Building on the success of these projects, UACJ will work to broadly promote the ALmitas+ brand going forward.

UACJ's aluminum product and material brand

**ALmitas+**

## Making maximum use of recycled materials to curb CO<sub>2</sub> emissions from manufacturing

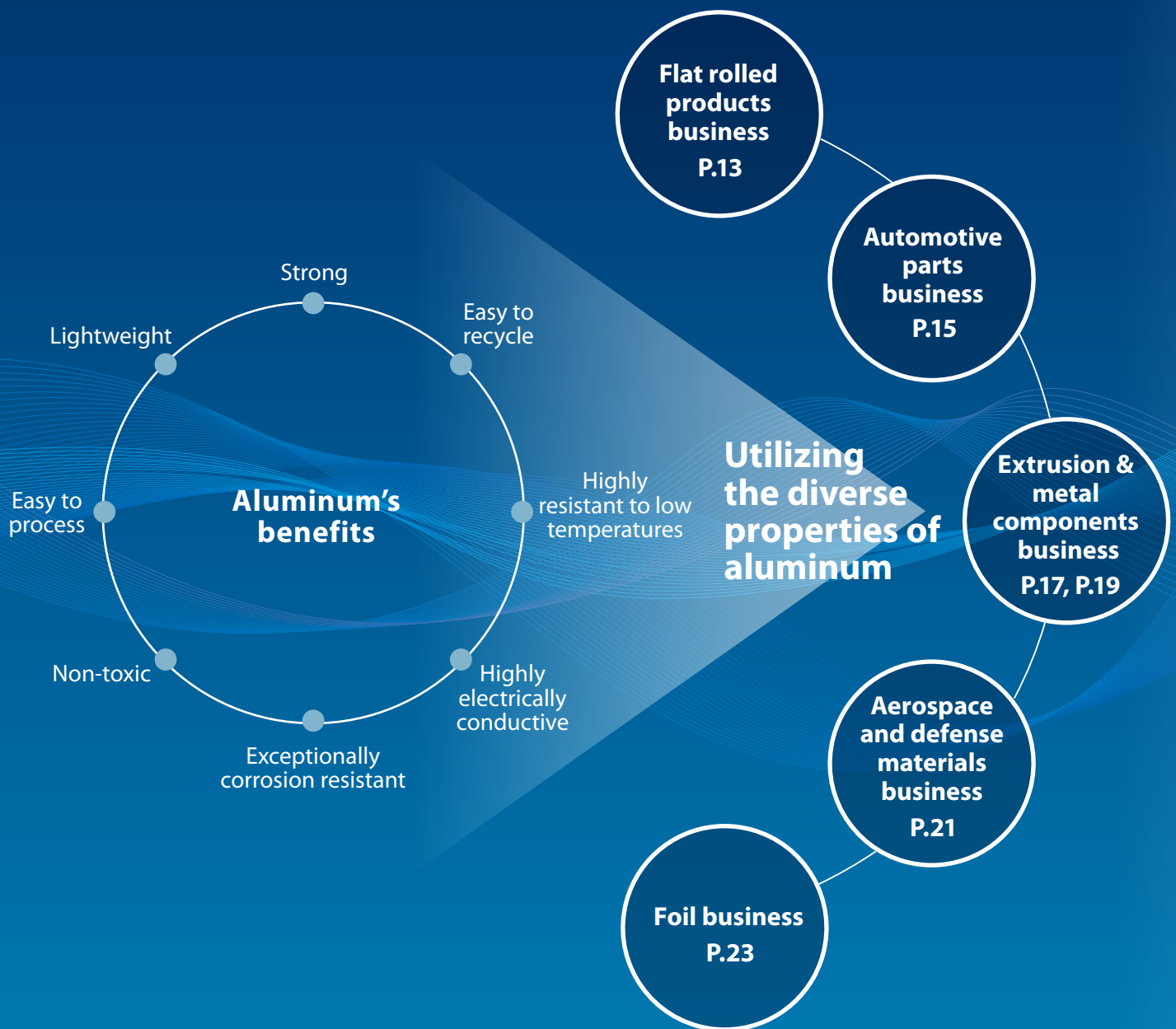
By manufacturing aluminum products from aluminum scrap, electricity consumption can be reduced by 90% compared with the aluminum smelting process, through which virgin aluminum is produced from bauxite ore. For that reason, UACJ has been using scrap melting furnaces to produce recycled aluminum while developing technologies for recycling various types of scrap materials. UACJ has also been working to realize closed loop recycling of automotive panels and parts, which had been regarded as very challenging, in an effort to help reduce CO<sub>2</sub> emissions.





# UACJ's Manufacturing Capabilities

UACJ supplies products that are indispensable for people's lives, their communities and society at large. Leveraging its diverse technologies and manufacturing capabilities, UACJ makes the most of aluminum's unique properties to meet customers' needs with comprehensive solutions.







## Teaming up with customers to provide solutions to issues facing society

### Functions improved by adopting aluminum

|                            |                        |
|----------------------------|------------------------|
| Reduces weight             | Enables more functions |
| Saves energy               | Lengthens product life |
| Allows more design options | Ensures durability     |



## Flat rolled products business

As the UACJ Group's main business, the flat rolled products business boasts a global supply network, some of the largest facilities in the world, and world-leading productivity. Leveraging that productivity, the Group supplies a wide range of products such as flat rolled aluminum for can stock, for which it has the top market share in Japan.

### Main products

#### Beverage can stock



Aluminum for can bodies, lids and caps

#### Automotive components

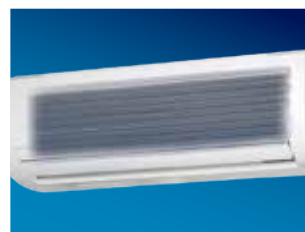


Body sheet



Heat exchanger materials

#### Air-conditioning equipment



Compressor fins

#### Airplane components



Aluminum sheet and components

#### Ship components



Aluminum plate for LNG tankers

#### Smart device components



Device casings and chassis

#### Industrial machinery



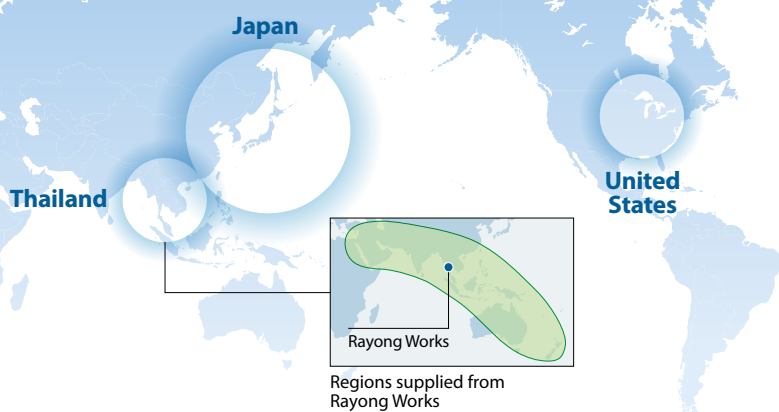
Plates for liquid crystal/semiconductor manufacturing equipment



## Advantage 1

### A production network optimized for meeting market demand

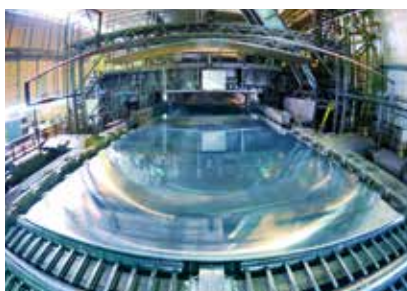
The UACJ Group manufactures products for various industries, including cans for the beverage industry that people use every day, as well as automobile parts and large components for airplanes and rockets. The Group supplies products that meet high standards for quality and are tailored to customers' needs by leveraging an optimized production network designed to enable each manufacturing plant to perform at its best in collaboration with the Group's R&D divisions. Meanwhile, the Group's production plant in Thailand, Rayong Works, supplies flat-rolled aluminum across a broad area spanning from the Middle East to Australia in response to widespread demand.



## Advantage 2

### Aluminum rolling facilities facilitate high quality and productivity

A hot rolling mill at one of the UACJ Group's production plants is 400 meters in length and 4.3 meters wide—making it among the largest in the world. Other plants are equipped with four-stand hot finish rolling mills capable of flattening 30-millimeter-thick aluminum to about two millimeters with a single roll, and six-high cold rolling mills featuring world-class speed and precision. By deploying these highly productive facilities, the Group supplies customers with top-quality products as well as items larger than what its competitors can produce.



Hot rolling mill



Four-stand hot finish rolling mill



Six-high cold rolling mill

#### CLOSE UP

### Boosting production capacity of automotive body sheet

With the goals of cutting CO<sub>2</sub> emissions and extending the cruising range of vehicles to meet increasingly strict environmental regulations, the auto industry has been adopting aluminum as a means to reduce overall vehicle weight. In response, UACJ has newly installed automotive body sheet finishing lines at its Fukui Works in Japan to tap brisk demand.

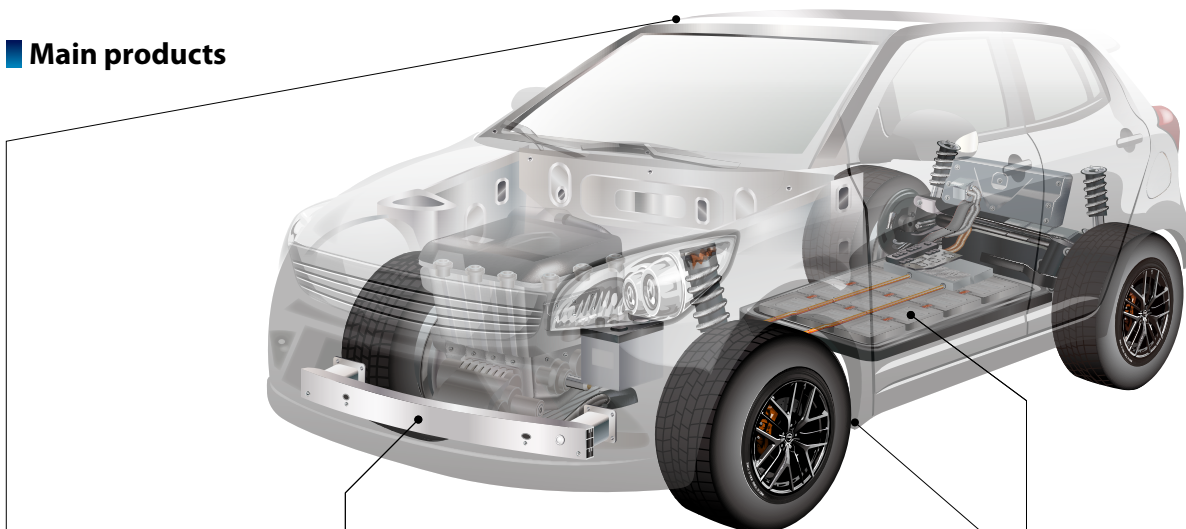




## Automotive parts business

UACJ is the top aluminum product manufacturer in Japan. Leveraging the Company's extensive know-how and technical expertise, the automotive parts business promptly responds to the needs of customers worldwide by supplying aluminum auto parts and components that meet strict requirements for high quality.

### Main products



Sunroof guide rails



Bumper, crash box



Cross member



Battery housings



## Advantage 1

### One-stop services that help customers make products more efficiently

The UACJ Group's automotive parts business responds to customers' requests as a one-stop service spanning from product planning and design—including the composition of aluminum alloys—to manufacturing, sales and quality control. The Group's Mobility Technology Center plans, designs, and develops products, and closely cooperates with automakers and parts manufacturers while helping them manufacture their products more efficiently.



Product planning

Product design

Manufacturing

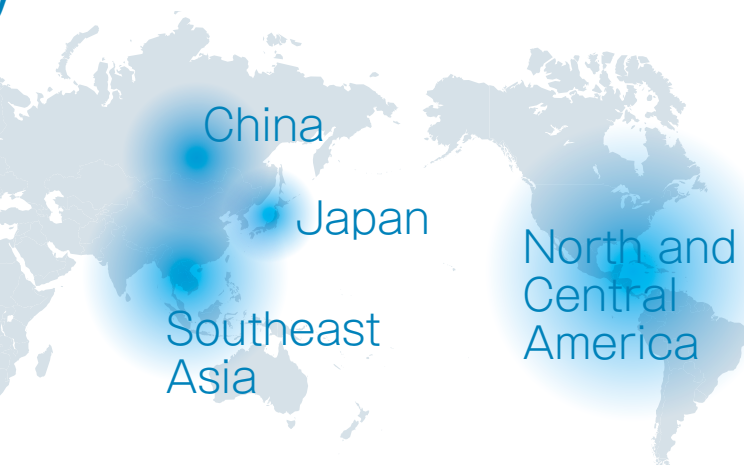
Sales

Quality control

## Advantage 2

### A global product supply buttressed by group-wide collaboration

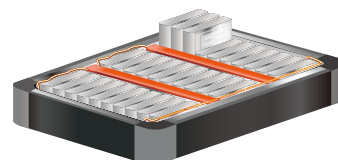
The UACJ Group manufactures products in Japan, the United States, China, Thailand, and other countries of the world, and sells them globally, particularly in Asia and North America. With manufacturing plants that boast considerable production capacity and a broad array of precision machining technologies, the Group supplies high-quality products that meet strict Japanese standards and offers solutions to customers in various regions of the world.



#### CLOSE UP

### Solutions for reducing the weight of EVs

Many people are focusing on electric vehicles (EVs) as next-generation environmentally friendly automobiles. An EV's battery, however, is relatively heavy, so reducing the weight of this core component is essential for enabling the EV to drive a longer distance on a single charge. As a solution, UACJ is promoting the use of aluminum as a means to not only reduce the weight of the vehicle body but also the battery module. Moreover, thanks to aluminum's excellent heat dissipation properties, EV batteries can be made to last longer and operate more safely.





## Extrusion & metal components business (Extrusion)

The UACJ Group deploys a wide array of extrusion techniques to manufacture aluminum components of diverse shapes, such as pipes, rods, and formed materials for various kinds of vehicles. The Group responds to wide-ranging needs for extruded products that offer even more value, such as complex shapes and high strength.

### Main products

#### Automotive components



Frames



Sub-frames



Heat exchanger materials and tubing



Frames and front forks

#### Tractor-trailer components



Trailer side gates

#### Smart device components



Smartphone casings

#### Office equipment



Magnetic rolls and heat rolls

#### Pneumatic equipment



Air cylinders

## Advantage 1

### Japan's largest and most advanced extrusion presses capable of delivering the quality required by the aerospace industry

Aluminum components for airplanes and rockets are very long and wide and require extremely precise measurements. To ensure these conditions are met, very powerful indirect extrusion presses are needed. Among only a dozen or so of such presses currently operating in Japan, UACJ owns eight, and works to meet the needs of the aerospace industry by making use of its huge 5,600-ton extrusion press and Swindell quenching furnace. At the same time, UACJ's Extrusion & metal components business supplies high-quality parts and components with highly accurate dimensions, including small parts for motorcycles and office equipment.



Swindell quenching furnace

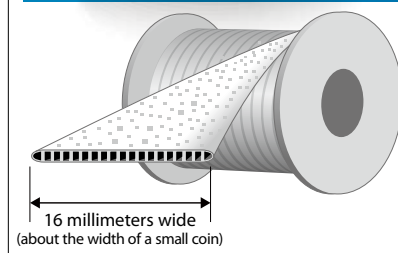
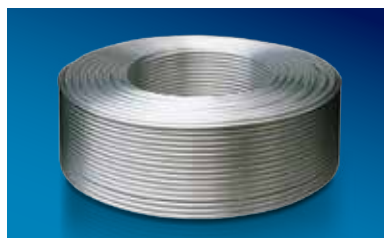


5,600-ton extrusion press

## Advantage 2

### Ability to produce products that customers need to overcome challenges

UACJ has been building up expertise in aluminum alloys and mold design through many years of experience and is applying it to extrude irregularly shaped items and thin materials, and to extrude machine objects that are difficult to form because they have multiple passages inside. For example, UACJ manufactures multi-hole tubing for automotive heat exchangers with thinner materials in order to reduce weight and improve heat transfer, which are key challenges facing customers.



Cross-sectional diagram of multi-hole tubing for automotive heat exchangers



Using software to design dies

## CLOSE UP

### Meeting demand for automotive parts with advanced equipment and technologies

UACJ has installed state-of-the-art extrusion presses that meet strict specifications for dimensional precision required for automotive parts, industrial devices, and transportation machinery. By making the most of this top-grade equipment and the latest technologies, the Company is producing high-quality extruded products while capturing brisk demand for automotive parts.







## Extrusion & metal components business (Metal components)

UACJ's Extrusion & metal components business applies technologies and operates facilities for all kinds of machining needs, ranging from roll forming and joining to surface treating and coating. While drawing from the UACJ Group's expertise in metallic materials, the business offers machining solutions optimally tailored to customers in a wide array of industries.

### Main products

#### Vehicle parts



Automotive components



Train interior components

#### Industrial machinery



Aluminum vaporizers



Powder tank

#### Construction materials



Expansion joint covers



Display cases

#### Industrial crafts and facilities



Swimming pool fixtures



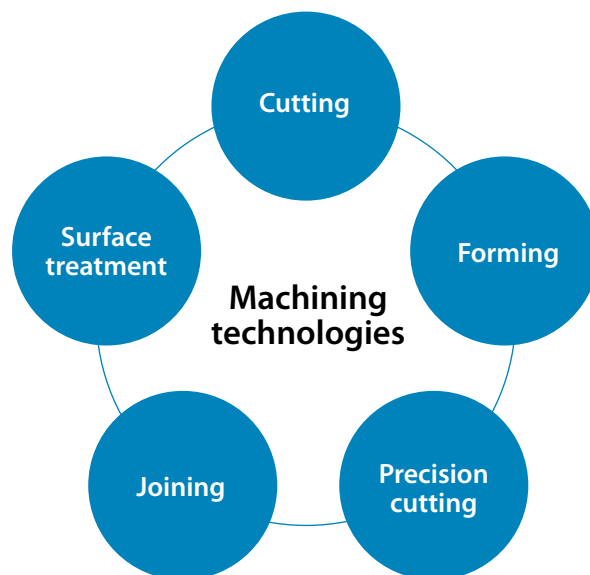
Temple and shrine furnishings



## Advantage 1

### Expertise in metallic materials applied in machining technologies

Products manufactured by the Extrusion & metal components business come in a wide variety of sizes and shapes and are used for a broad array of products and applications, including cars, trains, and other types of vehicles, as well as buildings, swimming pools, and even temples and shrines. All of these applications are made possible by UACJ's machining technologies. In addition to cutting-related machining, we can form objects into bent or compressed shapes, join together various materials and formed components, and treat the surface of objects with coatings, coloring, and films. With these capabilities, the precision-machined components business is able to handle customers' requests at every stage from product planning and design through to each production process.



## Advantage 2

### Specialized equipment for diverse machining processes

Factories operated by the Extrusion & metal components business are equipped with machines designed for diverse machining processes. Among them are huge cutting machines capable of slicing through aluminum, copper, multi-alloyed metals and various other materials. The business's five-axis machining centers are also equipped with high-precision machining presses with the longest stroke lengths in Japan. Meanwhile, UACJ has installed friction stir welding equipment, which has attracted attention as a method for joining automotive parts made from different materials. The equipment enables high-quality joints to be formed with minimal strain and little impact from heat, and also results in fewer CO<sub>2</sub> emissions and lower costs. Through the use of these various types of equipment, the precision-machined components business offers optimally tailored solutions to customers.



Large cutting machine



Friction stir welding equipment



Brazing furnace



Anodized surface treatment line

#### CLOSE UP

### Honeycomb panels enable incredible reductions in material weight

With air making up about 97% of their volume, honeycomb panels are the most lightweight type of aluminum panels, which makes them very useful for construction sites as easily transported materials. Honeycomb panels manufactured by UACJ are flat, extremely strong, highly rigid, and have been used in many structures from famous landmark buildings to airports, train stations, and schools.



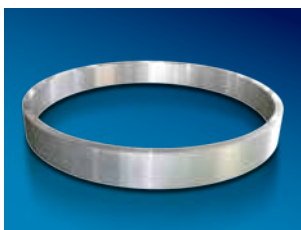


## Aerospace and defense materials business

UACJ's aerospace and defense materials business primarily manufactures forged and cast aluminum products that are used in airplanes, rockets, and various other vehicles, including bullet trains and automobiles. The business applies proprietary manufacturing technologies and makes use of specialized equipment to meet customers' expectations.

### Main products

#### Aerospace components



Rings up to 4,000 mm in diameter



Structural components

#### Railcar parts



Axle bearing housings

#### Ships



Engine pistons

#### Automotive components



Compressor wheels



Brake calipers



Scrolls for compressors



Air-conditioner parts



## Advantage 1

### Large-scale forging facilities capable of manufacturing products for the aerospace industry

UACJ's Foundry & Forging Works is equipped with massive presses with forming loads of 15,000 tons as well as other facilities for manufacturing large-scale forged products, such as huge ring-shaped components for airplanes and rockets, and frame components for aircraft wings and fuselages. Having acquired certification for product quality under the National Aerospace and Defense Contractors Accreditation Program (Nadcap), the facility meets the strict quality requirements of the aerospace industry.



Die forging process



Large-scale ring materials



Open die forging process

## Advantage 2

### Large-scale equipment capable of machining and processing components as long as four meters

The Aerospace and defense materials business is capable of machining and processing large-scale components up to about four meters in length. It operates a wide range of immense machining and processing equipment, including double column, horizontal, and 5-axis machining centers, as well as large-scale and vertical lathes. This allows the Company to meet requests from customers with high-quality products and one-stop services ranging from rough and fine finishing to surface processing, coating, and parts assembly.



Double column machining center



Horizontal NC lathe



Vertical NC lathe

## CLOSE UP

### Using briquetting machines to facilitate closed-loop recycling

Among its efforts to reduce environmental impacts, UACJ recycles scrap aluminum leftover from machining and processing. Specifically, it uses briquetting machines to compress the scrap into briquette-shaped materials that can be efficiently transported and melted down for the production of aluminum products. This closed-loop recycling of scrap into new products helps the Company reduce CO<sub>2</sub> emissions.







## Foil business

Utilizing a strict inspection system and clean rooms that comply with good manufacturing practices, UACJ's foil business manufactures a wide range of products, including packaging foil for food and pharmaceutical goods as well as foil for lithium-ion batteries.

### Main products

#### Battery components



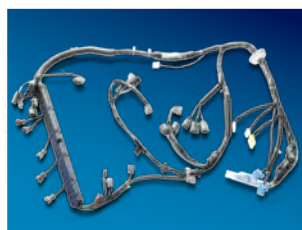
Aluminum foil for lithium-ion batteries

#### Capacitor materials



Aluminum foil for electrolytic capacitors

#### Electrical components



Wire harnesses materials

#### Pharmaceutical packaging



Aluminum foil for pharmaceutical packaging

#### Food packaging



Aluminum foil for household goods



Aluminum foil for food packaging

#### Construction materials



Tin foil for caps



Hole-filling materials

## Advantage 1

### Comprehensive capabilities for developing and manufacturing various kinds of foil made from aluminum, copper, tin and lead

Easy to process and attractive in appearance, metallic foils are used in all kinds of everyday products. UACJ's foil business supplies products to a wide range of industries by manufacturing a diverse lineup of metallic foils made not only from aluminum but also copper, tin and lead.



Aluminum foil



Copper foil

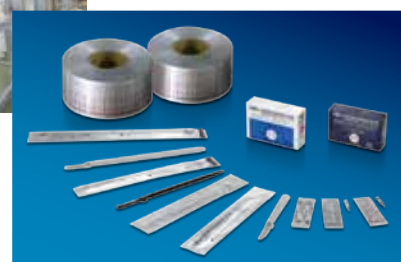
## Advantage 2

### Production conditions complying with good manufacturing practices to ensure safe and dependable products

Since packaging materials for food and medical products require a very high level of hygienic management, our main foil factories maintain extremely hygienic production environments to prevent any foreign substances from affecting the products. All of these foil factories are equipped with air showers, cleanrooms, and separate booths for each production process. This strict production system complies with good manufacturing practices set for medical product manufacturing and quality control.



Cleanroom

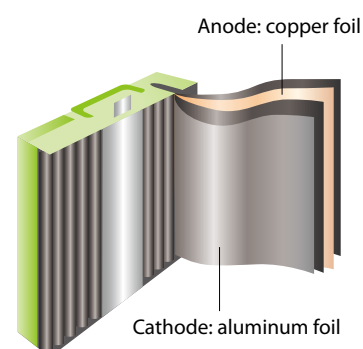


Packaging materials for medical instruments

#### CLOSE UP

### Japan's sole manufacturer of foil for each electrode of lithium-ion batteries

Lithium-ion batteries are used in a broad array of products, from smartphones and notebook computers to electric vehicles. The electrodes of these batteries are made from foil, specifically aluminum foil for the cathode and copper foil for the anode. UACJ is the only manufacturer in Japan that makes materials for both of these electrodes, and has secured a leading share of the market for cathode aluminum foil in particular. By drawing on its advanced alloying and flat-rolling technologies, UACJ's foil business contributes to the production of lithium-ion batteries with higher output, lighter weight, and longer service life.





## R&D

UACJ develops products and technologies in partnership with its customers to realize valuable new ways of using aluminum. Its R&D Division plays a pivotal role in these endeavors as the UACJ Group's main research and development organization.

Aiming to promote innovation, the R&D Division carries out basic research with a long-term outlook for the purpose of discovering new possibilities for aluminum, and pursues product development with the goal of responding to the needs of customers, which manufacture a wide range of products spanning from everyday items like beverage cans to highly advanced rockets.

Leveraging more than 100 years of expertise, the UACJ Group is striving to create new value by adding more value to materials and helping manufacturers develop better products.

### Developing materials and production processes that bring out new possibilities of aluminum

Boasting a variety of unique properties, aluminum can be used for a wide range of applications if the right chemical elements are added for the intended purpose. UACJ develops materials and manufacturing processes that utilize this potential of aluminum by collaborating with leading universities and participating in national projects.

#### CLOSE UP

##### Creating an R&D network targeting local needs

With a global outlook, UACJ has been carrying out research and development at its R&D Division in Japan for many years. In addition, we have established R&D divisions in the United States and Thailand to respond to needs in their respective regions. All of these

facilities collaborate with the Group's production plants and sales offices while promptly providing technical services precisely tailored to customers as well as developing new products and technologies in response to customers' needs.



## Developing value-added materials that contribute to customers' products

UACJ carries out product development in close cooperation with its group companies and customers in order to tailor products to their respective needs. Through various means, such as recreating and assessing its customers' production environments, UACJ develops products that help its customers solve problems in their manufacturing operations.

### Examples of recently developed products and technologies



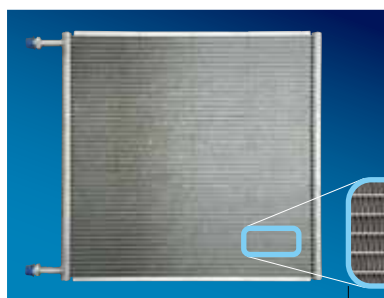
#### Helping reduce vehicle weight with lightweight aluminum bumper assemblies

UACJ has developed lightweight bumper assemblies in collaboration with major automakers. It helped optimize the materials and construction of each component of the assemblies while aiming for the highest level of strength, superior design, and light weight. As a result, the assemblies are about 30% lighter than conventional products.



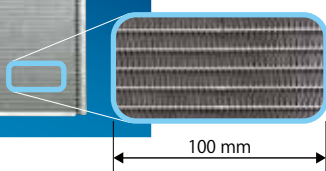
#### High-strength aluminum alloy for increasingly large smartphones

Manufacturers have been concerned about insufficient strength of smartphone bodies as screens have become increasingly larger. In response, UACJ developed ZK75, a high-strength 7000-series extruded aluminum alloy specifically for smartphones and similar devices. Featuring twice the strength of widely used 6000-series alloys and offering outstanding alumite properties, ZK75 is highly suited for products that require a stylish design and beautiful color finish.



#### Aluminum brazing technology enables higher quality and productivity

Heat exchangers are assembled of many precisely formed parts, including aluminum parts that are brazed together by using filler metal. While this is the conventional method, UACJ has developed a technology by which sections of the aluminum parts themselves are melted and then joined together using the molten aluminum instead of the filler metal. This new technology, named Monobraze, has been attracting attention for its ability to maintain quality, such as through excellent corrosion resistance, and enable more efficient manufacturing.



### CLOSE UP

#### Developing innovative materials for national projects

In addition to its own R&D, UACJ participates in national projects in Japan. For example, in a project led by the New Energy and Industrial Technology Development Organization intended to make airplanes lighter and more fuel-efficient, UACJ is developing the world's strongest aluminum alloy and

enabling it to be produced domestically. UACJ expects that the technologies developed through this project will also be useful in other areas, including product development in the auto industry.

# The UACJ Group's commitment to sustainability

By drawing on the possibilities of aluminum, the UACJ Group strives to contribute to the sustainability and prosperity of communities around the world. From that standpoint, the Group has positioned sustainability actions at the heart of its business strategies, and is currently implementing specific measures to tackle five materiality issues.

## The UACJ Group's Sustainability Approach and Policy

"Aluminum is our passion. It inspires our work in building a better world and a healthier environment." That vision, stated in the UACJ Group Philosophy, guides the UACJ Group as it works to fulfill its purpose: "contribute to society by using raw materials to manufacture products that enhance prosperity and sustainability." Driven by this fundamental approach, the UACJ Group makes the most of aluminum's environmentally friendly properties in its main businesses of aluminum product manufacturing and processing to provide products and services that help solve environmental, societal, and economic issues. While working to enhance prosperity and environmental sustainability over the next century, the UACJ Group is striving to contribute to society by promoting DEI, human rights, and people's well-being. From this standpoint, the Group is collaborating with stakeholders to carry out various sustainability-related initiatives while drawing from the diverse talents of its employees and expertise built up over a history of more than 120 years.



This logo represents our commitment to solving social problems based on the UACJ Group Philosophy in our business activities. The three circles on the left represent the UACJ Group Philosophy (our corporate philosophy, our goals, and our values). The colored dots on the right represent the 17 goals of the SDGs (Sustainable Development Goals). The logo represents UACJ Group's belief: "Our business activities and sustainability promotion activities based on the Group Philosophy will lead to the solution of social problems."

### UACJ Group Sustainability Policy

#### **1. Contribute to sustainability through technologies and innovation**

The UACJ Group shall contribute to the sustainability of society and the global environment by applying the technologies and expertise it has accumulated over its history to offer innovative solutions.

#### **2. Work together with all types of stakeholders**

The UACJ Group shall forge partnerships and collaborate with a wide range of stakeholders and people across society in its efforts to help make the world more sustainable through its business activities.

#### **3. Respect the individuality of diverse members**

The UACJ Group shall take steps to ensure that the individuality of its diverse members is respected, regardless of their nationality, gender, age, disabilities, or other characteristics, and provide them with opportunities to apply their individual knowledge and skills to help devise innovative solutions.

A future where the Earth can continue to be beautiful and bountiful  
**Environmental Sustainability**



A healthy and harmonious society where everyone can feel Well-being  
**Well-being**

\*Promoting De-i-ay means that promoting a culture of opportunity and merit, based on Values.





## The Environment

### Helping reduce environmental impact by promoting wider adoption of aluminum

#### Making use of environmental management systems to successfully implement and enhance environmental initiatives

The UACJ Group has established an environmental management network for the purpose of reducing the environmental impact of its business activities and ensuring full compliance with environmental laws and regulations. The network is made up of various management organizations responsible for environment-related activities, including the Environmental Committee. Many of the Group's factories have acquired certification for environmental management systems, particularly the ISO 14001 international standard as well as the Eco-Action 21 system established by Japan's Ministry of the Environment. UACJ also sets fiscal year goals and action plans based on group-wide environmental policies, and all members of the Group work to beat targets and achieve continuous progress.

#### Striving to reduce greenhouse gas emissions to realize carbon neutrality by 2050

UACJ recognizes that it has an important responsibility to proactively combat climate change and contribute to decarbonization. Accordingly, the Company has declared its goal of becoming carbon neutral by 2050 on a Scope 1 and 2 basis. To achieve this goal, UACJ has set up a Climate Change Countermeasures Steering Committee with its president serving as chairman, and is accelerating initiatives for saving energy, promoting the adoption of renewable energy, and using recycled materials at the manufacturing stage in an effort to reduce greenhouse gas emissions. In addition, UACJ endorsed the recommendations of the Task Force on Climate-related Financial Disclosures in 2021, and has been actively disclosing information in accordance with this international framework.

#### Aluminum stands out as a highly recyclable material

A vast amount of electricity is consumed in the process of smelting virgin aluminum ingots from bauxite. Only about 3% of this electricity consumption is needed, however, to produce ingots from recycled aluminum. To take advantage of this, the UACJ Group actively promotes the recycling of aluminum cans. For example, one of the Group's factories in the United States has installed a scrap melting furnace for recycled cans, and as a result, melted cans now account for about 80% of the raw materials it uses to manufacture aluminum for cans.



The Group's scrap melting furnace in the United States



## Product Quality

### Ensuring and enhancing product quality to earn the satisfaction and trust of customers

The UACJ Group aims to offer products and services that earn the satisfaction and trust of customers, as stated in its Basic Product Quality Policy. Accordingly, it works to improve product quality by implementing quality control practices specific to each worksite in addition to deploying quality control measures across the Group. Strict quality inspections are conducted by highly experienced personnel, and state-of-the-art testing and inspection equipment are used to maintain a highly precise inspection system.

The vital importance of product quality for customer satisfaction is included as an item in UACJ's Management Philosophy and Basic Product Quality Policy. On that basis, the Group makes use of periodic customer satisfaction surveys and feedback directly obtained from customers to improve product quality.

#### Basic Quality Policies

##### Philosophy

The UACJ Group aims at contributing toward the realization of a sustainable and prosperous society by striving to provide products and services that satisfy customers and earn their trust through quality-oriented, faithful manufacturing.

##### Action Guidelines

- We will promote to improve our technical development, quality improvement, and enhance our manufacturing capability.
- We will meet all applicable requirements.
- We will continuously improve our quality management system.
- We will establish quality targets, review the results, and allocate management resources as needed.
- Group members shall understand the quality policies and act accordingly. All members shall participate in quality improvement activities.

#### Maintaining quality control in line with the strict requirements of international standards

UACJ manages product quality in accordance with its own product quality control system as well as with internationally certifiable quality management systems. UACJ has earned a strong reputation for its pioneering quality control capabilities. For instance, it was the first company in Japan's aluminum industry to acquire AS9100 certification, the international standard for quality management systems in the aerospace industry, which sets extremely high requirements for quality.



A quality management certificate





## Human Resources

### Promoting workplaces that enable employees to deal with the changing operating environment

#### Utilizing the skills of experienced manufacturing personnel in human resources training

As a manufacturer, UACJ makes sure to pass down skills to younger generations of employees. Accordingly, experienced personnel act as trainers in various workplaces, teaching junior employees about the approaches, skills, and know-how they gained over many years. In these training sessions, participants are taught to take pride in and responsibility for their work, and to complete their duties individually while giving priority to customers and after-sales service. Through that approach, employees can help maintain product quality and continuously raise productivity. By passing down the refined skills of experienced personnel to develop human resources, UACJ has built a solid foundation to ensure ongoing customer satisfaction.

#### Empowering employees to realize their potential while recognizing diversity as a source of competitiveness

At UACJ, empowering diverse employees to realize their potential is recognized as important for the Group's international expansion and its ability to enter new markets. Therefore, UACJ promotes workplaces that are comfortable and accessible for all employees, regardless of their gender, age, nationality, or disability. Its initiatives include actively promoting the success of women in its workplaces, facilitating international exchanges among employees, and assisting personnel with career planning using a human resources database of skills and expertise.

#### Making work more rewarding for employees through workplace reforms

In Japan, workplace reform initiatives are being implemented in earnest by employers across the country. UACJ is carrying out its own workplace reforms to raise productivity and make work more rewarding for its employees. This reform project is not limited to managing working hours, but is also driven by the conviction that services provided by highly motivated employees will please customers, and a company with such a workplace culture will be indispensable to society.







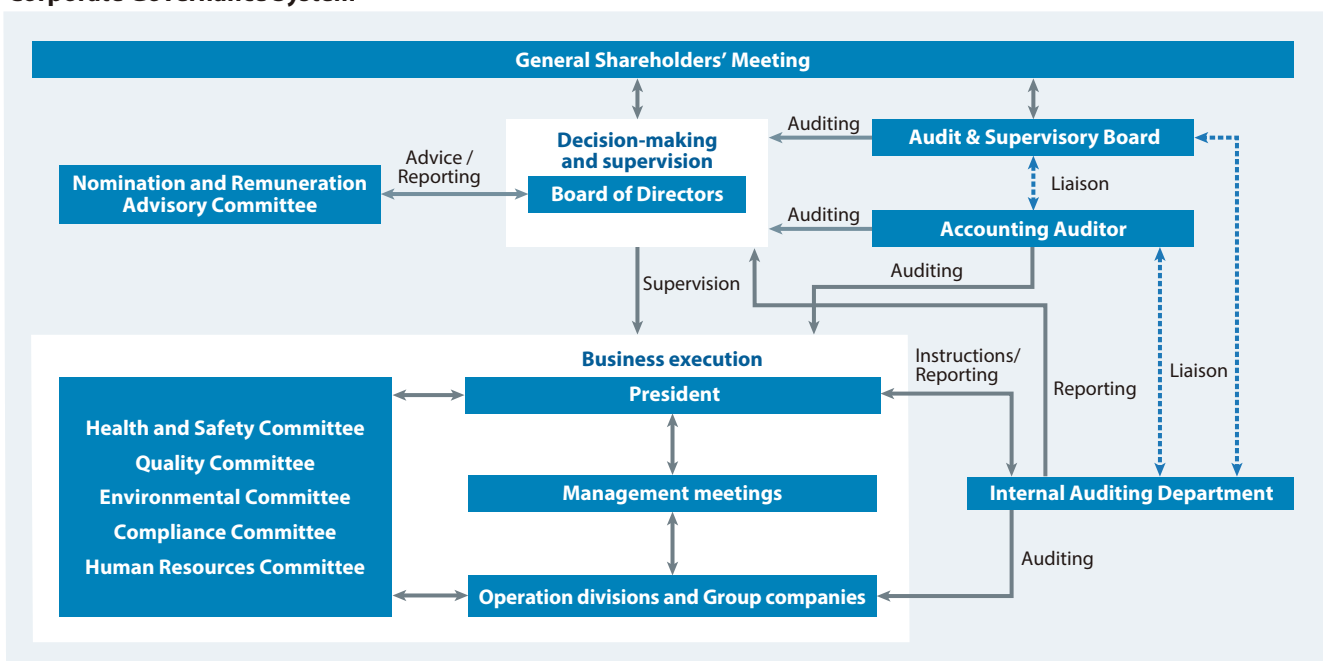
## Corporate Governance

### Establishing a highly transparent governance system while working to raise corporate value

UACJ has been taking steps to diversify the membership of its Board of Directors in order to enhance the Board's supervisory function. The efficacy of the Board of Directors is also periodically evaluated and improvements are made based on the results. Moreover, a majority of the Audit & Supervisory Board members are outside auditors, an arrangement that enhances its auditing function. Meanwhile, management appropriately discloses financial results and news concerning the UACJ Group's operations, and

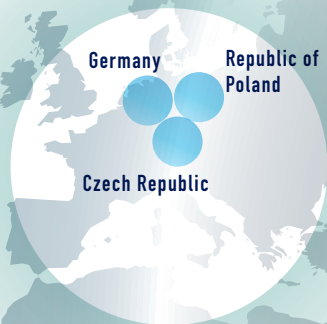
takes steps to ensure that all members of the Group comply with high standards of corporate ethics. With the international expansion of its operations, the UACJ Group has been putting in place a global management system, which includes risk management. As part of these efforts, non-Japanese nationals have been appointed to executive management positions and compliance-related training is provided at workplaces outside Japan.

#### Corporate Governance System



## Affiliated Companies (as of October 2025)

### Europe



UACJ Extrusion Czech s.r.o. (Czech Republic)



RUYUAN DONGYANGGUANG UACJ FINE ALUMINUM FOIL CO., LTD. (China)

### Asia



UACJ (Thailand) Co., Ltd. (Thailand)

### Oceania



## Overseas \*Associated Company

### Flat rolled products business

- UACJ (Thailand) Co., Ltd. (Thailand)
- Tri-Arrows Aluminum Holding Inc. (USA)
- Tri-Arrows Aluminum Inc. (USA)
- Logan Aluminum Inc. (USA)\*
- Kentucky Aluminum Processors, LLC (USA)\*
- UACJ (Shanghai) Aluminum Corporation (China)
- UACJ EUROPE GmbH (Germany)
- RUYUAN DONGYANGGUANG UACJ FINE ALUMINUM FOIL CO., LTD. (China)\*
- SHAOGUAN UACJ DONGYANGGUANG ALUMINUM SALES CORPORATION (China)
- UACJ Trading & Processing America, Inc. (USA)
- UACJ Marketing & Processing Mexico, S.A. de C.V. (Mexico)
- UACJ ELVAL HEAT EXCHANGER MATERIALS GmbH (Germany)
- UPIA Co., Ltd. (South Korea)\*

### Foil business

- UACJ Foil Malaysia Sdn. Bhd. (Malaysia)

### Automotive parts business

- UACJ Automotive Whitehall Industries, Inc. (USA)
- DICASTAL UACJ BOLV AUTOMOTIVE COMPONENTS CO., LTD. (China)\*
- Dicastal UACJ Bolv (Tianjin) Extrusion Corporation (China)\*
- DICASTAL UACJ BOLV (CHUZHOU) AUTOMOTIVE COMPONENTS CO., LTD. (China)\*

### Extrusion & metal components business

- UACJ Extrusion Czech s.r.o. (Czech Republic)
- UACJ Extrusion (Thailand) Co., Ltd. (Thailand)
- UACJ Metal Components North America, Inc. (USA)
- UACJ Metal Components Mexico, S.A. de C.V. (Mexico)
- UACJ Metal Components Central Mexico, S.A. de C.V. (Mexico)
- UACJ Metal Components (Thailand) Co., Ltd. (Thailand)
- PT. YANJIN INDONESIA (Indonesia)

### Aerospace and defense materials business

- UACJ Foundry & Forging (Vietnam) Co., Ltd. (Vietnam)

### Others

- UACJ North America, Inc. (USA)
- UACJ Trading (Kunshan) Metal Products Co., Ltd. (China)
- UACJ (Shanghai) Metal Products & Sales Co., Ltd. (China)
- UACJ (Dalian) Metal Products & Sales Co., Ltd. (China)
- UACJ Trading Czech s.r.o. (Czech Republic)
- UACJ Trading Poland Sp. Z O.O. (Poland)
- UACJ Trading (Thailand) Co., Ltd. (Thailand)
- Siam UACJ Trading Co., Ltd. (Thailand)
- UACJ Australia Pty. Ltd. (Australia)
- Boyne Smelters Ltd. (Australia)\*



# North America



Logan Aluminum Inc. (USA)

USA

Mexico

# Japan



Fukui Works

Fukui  
Fukaya  
Oyama  
Tokyo  
Nagoya



Nagoya Works



Head Office (Tokyo)

## Japan \*Associated Company

### Flat rolled products business

- UACJ Aluminum Center Corporation
- UACJ Marketing & Processing Corporation
- UACJ Nagoya Alupack Corporation
- Sansen Co., Ltd.
- UACJ Fukaya Service Corporation
- UACJ YAMAICHI ALUMINUM CAN RECYCLING CORPORATION
- Furukawa UACJ Memory Disk Co., Ltd.\*

### Foil business

- UACJ Foil Corporation
- Nikkin Co., Ltd.
- UACJ Foil Service Corporation

### Extrusion & metal components business

- UACJ Metal Components Corporation
- UACJ Extrusion Anjo Corporation
- UACJ Extrusion Gunma Corporation
- UACJ Extrusion Shiga Corporation
- Light Metals Extrusion Development Co., Ltd.\*
- Nihon Cooler Co., Ltd.\*

### Others

- UACJ Trading Corporation
- Izumi Metal Corporation
- KAMAKURA INDUSTRY COMPANY LIMITED
- NAKS Corporation
- UACJ Green-net Corporation
- UACJ Logistics Corporation\*

## History

### Furukawa-Sky Aluminum Corp.

- 1910** Started research of aluminum electric wire.
- 1921** Started research and pilot production of duralumin.
- 1933** Completed construction of plant for manufacturing aluminum plates in Nikko, Tochigi Prefecture.
- Dec. 1964** Established SKY Aluminum Co., Ltd. through a joint venture of Showa Denko K.K. (currently Resonac Holdings Corporation), Kaiser Aluminum Corporation (USA), and Yawata Steel Works (currently NIPPON STEEL CORPORATION).
- May 1983** Completed construction of strip rolling factory in Mikuni, Fukui Prefecture.
- Jan. 1998** Initiated aluminum business tie-up between Furukawa Electric Co., Ltd. and Sky Aluminum Co., Ltd.

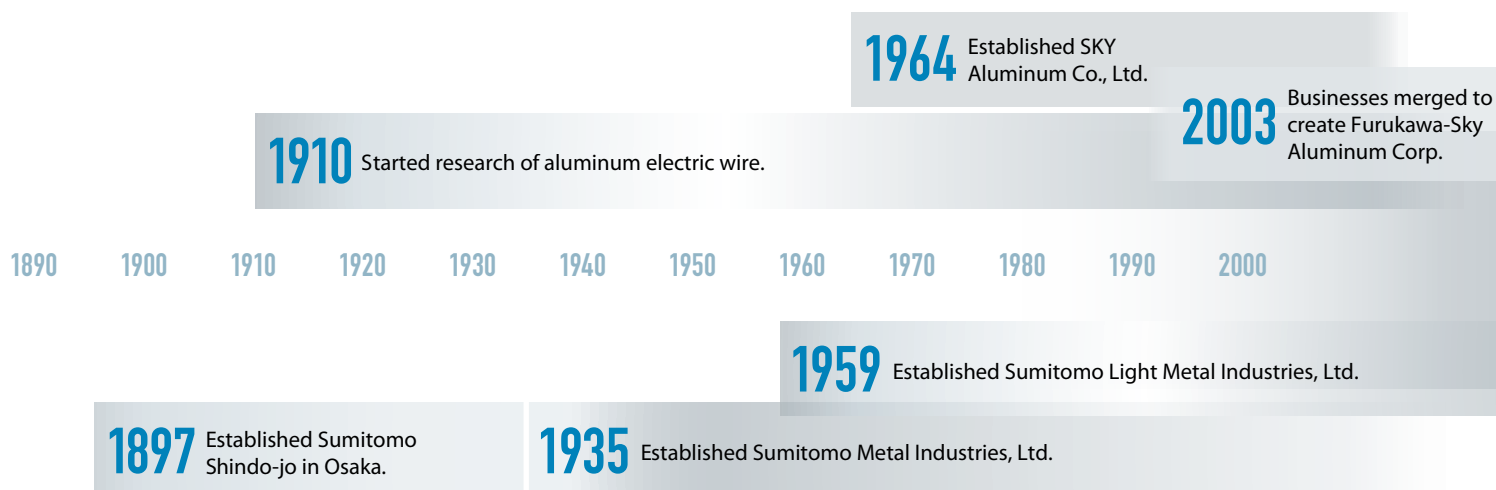


Fukui Works at the time of completion

- Oct. 2003** Established Furukawa-Sky Aluminum Corp. through merger of the companies' aluminum businesses.
- Feb. 2010** Established Furukawa-Sky Aluminum (Thailand) Co., Ltd.
- Aug. 2011** Jointly acquired shares with five companies including Sumitomo Light Metal Industries, Ltd. based in the U.S., and rolled aluminum sheet manufacturer and supplier Tri-Arrows Aluminum Inc.
- Mar. 2012** Began construction of aluminum rolling mill in Thailand.



Rayong Works



### Sumitomo Light Metal Industries, Ltd.

- Apr. 1897** Established Sumitomo Copper Rolling Works in Osaka to commence copper rolling operations.
- 1898** Commenced aluminum rolling operations at same plant.
- Sep. 1935** Established Sumitomo Metal Industries Co. Ltd. through merger of Sumitomo Steel Tube and Copper Works and Sumitomo Steel Works Co., Ltd.
- Sep. 1941** Constructed Nagoya Light Alloy Works.
- Aug. 1959** Copper products and aluminum divisions split from Sumitomo Metal Industries to form Sumitomo Light Metal Industries Co., Ltd. (commencing operations Sep. 1).



Nagoya Light Alloy Works (currently Nagoya Works)

- Jun. 1966** Commenced operation of new aluminum hot rolling equipment.
- May 1979** Established Sumikei Aluminum Foil Co., Ltd.
- Sep. 1993** Modernized Nagoya Works aluminum rolling equipment.
- Aug. 2011** Jointly acquired shares with five companies including Furukawa-Sky Aluminum Corp. in U.S. rolled aluminum sheet manufacturer and supplier Tri-Arrows Aluminum Inc.



## UACJ

- Oct. 1, 2013** **UACJ Corporation** established by merging the businesses of Furukawa-Sky Aluminum Corp. and Sumitomo Light Metal Industries, Ltd.
- Jan. 2014** **UACJ Foil Corporation** established by merging the businesses of consolidated subsidiaries Nippon Foil Mfg. Co., Ltd. and Sumikei Aluminum Foil Co., Ltd.
- Jul. 2014** UACJ Trading (America) Co., Ltd. (currently **UACJ Trading & Processing America, Inc.**) established by consolidated subsidiary UACJ Trading Corporation.
- Oct. 2014** Automotive parts manufacturer and seller Iwai Metal Central Mexico, S.A. de C.V. (currently **UACJ Metal Components Central Mexico, S.A. de C.V.**) began operations.
- Dec. 2014** First "Global Step I" mid-term management plan announced.
- Aug. 2015** Integrated production started at the Rayong Works of UACJ (Thailand) Co., Ltd.
- Jan. 2016** **UACJ ELVAL HEAT EXCHANGER MATERIALS GmbH**, sales company of automotive heat exchanger materials for European markets, began operations in Germany.
- Feb. 2016** Increased stake in **RUYUAN DONGYANGGUANG UACJ FINE ALUMINUM FOIL CO., LTD.**, a supplier of automotive heat exchanger materials in China, and decision made to establish a joint-venture company, **SHANGHAI UACJ DONGYANGGUANG ALUMINUM SALES CORPORATION**, a sales company of heat exchanger materials in Shanghai, collaborating with the parent company of the aforementioned entity.
- Apr. 2016** Acquired a leading company in the North American automotive aluminum structural materials/parts market and launched it under the name of **UACJ Automotive Whitehall Industries, Inc.**

**2013** UACJ Corporation established.



- Apr. 2016** Established **UACJ North American Inc.**, a regional headquarters in the USA.
- Apr. 2016** **UACJ Metal Components Corporation** formed by merging three group companies: Nalco Iwai, NIKKEI KAKOH Co., Ltd. and Nalco Ena.
- Mar. 2017** Capital stock increased to 52,277 million yen.
- Apr. 2018** Established **R&D Division (North America)**, our first overseas R&D base, at UACJ North America, Inc.
- May 2018** Second mid-term management plan announced.
- Oct. 2018** **UACJ Aluminum Center Co., Ltd.** was established after the consolidation of the coil center business functions of cutting and machining aluminum coil materials.
- Oct. 2018** Established **R&D Division (Thailand)**, making this the third country where UACJ R&D facilities are located (following Japan and North America).
- Sep. 2019** Formed a business alliance with subsidiaries of China's CITIC Group and established **DICASTAL UACJ BOLV AUTOMOTIVE COMPONENTS CO., LTD.** as a joint-venture company to manufacture and sell extruded and machined automotive parts.
- Oct. 2019** Transferred shares of UACJ Copper Tube Corporation, a consolidated subsidiary, to Toyokawa Holdings Inc. Following this transfer, UACJ Copper Tube changed its name to NJT Copper Tube Corporation.
- Feb. 2020** Established **SHAOGUAN UACJ DONGYANGGUANG ALUMINUM SALES CORPORATION** to sell automotive heat exchanger materials and aluminum foil for electrolytic capacitors and vehicle batteries in China.
- Jul. 2020** Completed construction of a new factory wing at the Fukui Works for manufacturing automotive body sheet.
- Apr. 2021** Signing of the UN Global Compact, entry into the Global Compact Network Japan.
- May 2021** Announcement of the third mid-term business plan.
- Mar. 2022** UACJ certified by the Aluminium Stewardship Initiative.
- May 2024** Fourth mid-term management plan announced.
- Oct. 2024** Through a partial reorganization of the UACJ Group, UACJ Corporation integrated the operations of former subsidiaries UACJ Extrusion Corporation, UACJ Extrusion Nagoya Corporation (including Nagoya Works), UACJ Extrusion Oyama Corporation, and UACJ Foundry & Forging Corporation.

## Company Overview

|   |   |
|---|---|
| <b>Corporate Name</b>                         | UACJ Corporation  |
| <b>Headquarters</b>                           | Sumitomo Fudosan Tokyo Mita Garden Tower,<br>3-5-19, Mita, Minato-ku, Tokyo 108-0073 Japan  |
| <b>Representative Director,<br/>President</b> | Shinji Tanaka   |
| <b>Principal Business</b>                     | Manufacture and sales of flat rolled products, casting products, forged products and precision-machined products of nonferrous metals, including aluminum and alloys thereof. |
| <b>Capital</b>                                | 52,277 million yen  |
| <b>Fiscal Year End</b>                        | March 31  |

## Locations

### Manufacturing Facilities

#### Flat rolled products business

|              |   |
|--------------|---|
| Nagoya Works | Chitose 3-1-12, Minato-ku, Nagoya-shi, Aichi, Japan |
| Fukui Works  | Kurome 21-1, Mikuni-cho, Sakai-shi, Fukui, Japan    |
| Fukaya Works | Uwanodai 1351, Fukaya-shi, Saitama, Japan           |

#### Extrusion and metal components business

|              |   |
|--------------|---|
| Oyama Works  | Doto 560, Oyama-shi, Tochigi, Japan                 |
| Nagoya Works | Chitose 3-1-12, Minato-ku, Nagoya-shi, Aichi, Japan |

#### Aerospace and defense materials business

|                         |                                     |
|-------------------------|-------------------------------------|
| Foundry & Forging Works | Doto 560, Oyama-shi, Tochigi, Japan |
|-------------------------|-------------------------------------|

### Branches and Offices

|               |  |
|---------------|--|
| Chubu Office  | Kanayama Place, Kanayama 1-13-13, Naka-ku, Nagoya-shi, Aichi, Japan              |
| Kansai Office | Nakanoshima Mitsui Building, Nakanoshima 3-3-3, Kita-ku, Osaka-shi, Osaka, Japan |
| Kyushu Branch | Hakata Gion M-SQUARE, 2-1 Reisen-machi, Hakata-ku, Fukuoka-shi, Fukuoka, Japan   |

### R&D

|   |  |
|---|--|
| Research & Development Division<br>Mobility Technology Center | Chitose 3-1-12, Minato-ku, Nagoya-shi, Aichi, Japan  |
| North America   | 12501 Plantside Dr, Louisville, KY 40299, USA  |
| Thailand  | Amata City Industrial Estate 7/352 Moo 6, Tambol Mabyangporn, Amphur Pluakdaeng, Rayong Province 21140, Thailand |





## Creating a prosperous future through the power of aluminum

Aluminum is an essential material for society today. Having successfully exploited the power of aluminum for many years, UACJ will continue striving to maximize the metal's potential going forward.

Using the power of aluminum, UACJ aims to bring joy to people everywhere while working to help create a prosperous and sustainable future.





## UACJ Corporation

Sumitomo Fudosan Tokyo Mita Garden Tower,  
3-5-19, Mita, Minato-ku, Tokyo 108-0073 Japan  
Tel: +81(0)3 6202-2600 (switchboard), Fax: +81(0)3 6202-2021

**<https://www.uacj.co.jp/english/>**

"UACJ" and **UACJ** are registered trademarks of UACJ Corporation in the U.S.A., China, Japan, and other countries, and are also registered as EUTM (European Union Trade Marks).

A-214 2512 BC25

