



Product Lineup

Miyake Forging's products, with a focus on universal bearing components for automotive applications, play an active role in a wide range of scenes.

Universal Bearing Components

We produce a wide variety of products, starting with the most commonly used ball bearings, to ensure the smooth operation of all types of machinery and equipment.



Production Product Names

Ball Bearings/Mission Bearings/Clutch Bearings/Hub Bearings/Tension Bearings/Taper Bearings/Needle Bearings and more

Automotive Components

Many bearings are used in automobiles, supplying various products such as cages and drivetrain components used in constant velocity joints.



Product Names in Production:

Steering Components/Brake Components/CVT (Continuously Variable Transmission) Components
/Constant Velocity Joint Components

Other Components

We continue to play an active role in the daily operation of various products around us, contributing to the advancement of machinery, energy efficiency, and overall performance.



Product Names in Production:

Two-Wheeler Components/Piping Components/Shaft Components



Technology development

Actively introducing state-of-the-art facilities
Building an effective and efficient design system

As our company is engaged in manufacturing, precise computer-aided design is essential for the development of complex and high-quality products.

We have adopted the Computer-Aided Engineering (CAE) analysis software "DEFORM" in our design process, enabling advanced simulations for the development of products and molds without the need for actual processing.

By addressing issues and challenges during the simulation phase, we can conduct rapid prototyping of actual products in a short period. This approach allows us to achieve a smooth and higher-quality product development process.

Furthermore, we have introduced 3D printers capable of representing various shapes with gypsum three-dimensional objects when given 3DCAD data. Additionally, 3D scanners have been implemented to provide a detailed understanding of the drawings through three-dimensional measurements.

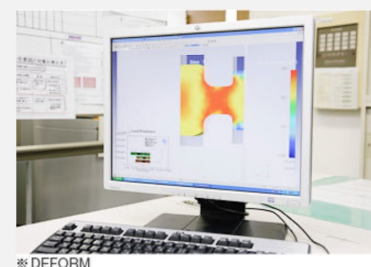
In particular, the 3D scanner allows for the accumulation of drawing data, contributing to the establishment of technical know-how and serving as the foundation for new mold and technology development.

Such state-of-the-art facilities play a crucial role in optimizing technology development, accumulating technical know-how, and contributing to various scenes in research and development.

Furthermore, our company is committed to nurturing engineers with the specialized knowledge and expertise required to leverage such advanced hardware and software effectively.

The enrichment of human resources in the field of development not only strengthens the foundation of our management but also positions us to devote even more effort to meet the challenges of increasingly complex products in the future.

In recent years, we have begun initiatives to incorporate automation leveraging IT technology not only in the development of production technology but also to achieve "easier and more efficient" production methods.



※ DEFORM

*Comprehensive Processing Simulation "DEFORM"
(Manufactured by SFTC, USA)

This CAE (Computer-Aided Engineering) software, "DEFORM," utilizes cutting-edge numerical computation technology to simulate various processing phenomena on a computer. It includes metal material flow, tool loading conditions, deformation due to heat treatment, and predictions of chip formation during cutting.



Miyake Quality

Initiatives to supply high-quality products unique to Japanese companies to the world.

In our company, we have manufacturing technology departments at both the headquarters and the Shiga factory. We focus on establishing a production environment through the design of infrastructure, facility investments, and maintenance management that adapts to product development and mass production systems.

Within the factory, we have established a system where quality standards are set at each stage of the process. This involves implementing a "Plan-Do-Check-Action" management cycle, constantly elevating the capabilities of the production floor.

Furthermore, to ensure the delivery of products with reliable quality, we have established a dedicated quality management department. This department oversees whether the products are being produced in accordance with customer requirements.



In the realm of quality management, skilled technicians with various certifications utilize a range of inspection equipment such as 3D measuring devices, shape measurement machines, hub inspection machines, hardness testing machines, and projectors. They meticulously inspect products using these various inspection tools.

Through rigorous quality control and process management, only products that have undergone these measures are supplied to our customers.



Processing Process

Miyake boasts a globally acclaimed efficient and safe production line.

At the global level, we achieve mass production through world-class technology and a comprehensive manufacturing system.

Head Factory

Our Head Factory boasts a well-equipped facility capable of accommodating mass production. In the forging plant, processing is carried out using hot forging formers tailored to the product size. The products undergo a consistency manufacturing process through heat treatment, CR (Cold Rolling) plant, and turning plant before reaching the final product stage.

Production of Complex and High-Precision Products

Shiga Factory

At Shiga Factory, which houses both hot and cold forging facilities, we specialize in manufacturing intricate and high-precision products more than. Generally often prioritize either become the main axis hot or cold forging, our company optimizes the production system to accommodate the specific needs of our customers, such as significant cost and lead time reduction through composite processing, ensuring flexibility to meet detailed customer requirements.



①Mold Design and Fabrication

Designing and Fabricating Molds for Commissioned Products. Supplying Production Molds to Each Stage of the Process.



②Hot Forging

Using forging machines to shape components. Miyake's core process, utilizing heaters to heat rod-shaped materials and performing shaping operations within the machinery in a single step during hot forging.



③Heat Treatment and Shot Peening

To facilitate further processing in subsequent stages, heat treatment is performed in annealing furnaces, and shot pellets are shot to remove oxide coatings.



④Cold (High-Pressure) Rolling

A second key process for Miyake, contributing to cost reduction and energy savings by reducing scrap through the large-scale rolling of small products using rollers.



⑤Cold Forging (Shiga Factory Only)

Conducting plastic processing through vertical presses, this stage excels in the manufacturing of intricate shapes, meeting the increasing demand for precision manufacturing.



⑥Turning (Cutting and Grinding)

The final stage where the material is rotated and cut to finish the product. The surface is shaved and polished using cutting tools.



⑦Quality Control

Equipped with facilities to ensure that products are manufactured according to customer requirement. Rigorous inspections are conducted for almost all products in circulation.



Introduction to Facilities

Realizing Mass Production with World-Class Technology and consistency manufacturing process

Head Factory

Our head factory is equipped with facilities capable of accommodating mass production. In the forging plant, processing is carried out using hot forging formers tailored to the product size. The products undergo a seamless manufacturing process through the heat treatment plant, CR (Cold Rolling) plant, turning plant, forming a consistent production line leading to the final product. Additionally, central functions supporting business and management are established at the headquarters."

Producing Complex and High-Precision Products

Shiga Factory

At our Shiga Factory, equipped with both hot and cold forging facilities, we specialize in manufacturing more complex and high-precision products. Generally often prioritize either become the main axis hot or cold forging, our company optimizes the production system to accommodate the specific needs of our customers, such as significant cost and lead time reduction through composite processing, ensuring flexibility to meet detailed customer requirements.

Introducing the First High-Speed Horizontal Hot Forging Machine in ASEAN

Thai Miyake Forging

Started mass production in March 2014. Established in the Amata City Rayong Industrial Estate in Thailand, we began operations without concerns about flooding, securing a location with logistical advantages for both customers and suppliers. Leveraging the expertise developed in Japan, we introduced the first hot forging former in ASEAN, along with heat treatment furnaces, CR machines, and automated inspection equipment. We specialize in mass production.

Production System Tailored to North American Needs

Miyake Forging North America

Started mass production in June 2018. Established in the Fipps Bend Industrial Area in Tennessee, overlooking the Appalachian Mountains, we operate in an optimal environment for climate and logistics, ensuring high-quality production. Leveraging the combined processing of hot and cold forging techniques developed in Japan, we excel in mass production of precision components.



President's Greetings

We have achieved the fusion of over 80 years of tradition and innovation, creating a robust corporate culture that can adapt to change.

Since its founding in the 14th year of the Showa era, Miyake Forging Co., Ltd. has been earning trust as a specialist in the processing of bearing components.

The reason we have been able to continue our journey as a company for over 80 years lies in our commitment to the core principle of our corporate philosophy: "Contribute to the creation of a truly prosperous society by enhancing technology as a manufacturing company." This central purpose, embedded in our corporate philosophy, is rooted in the unwavering dedication to the spirit of "effort" as outlined in our corporate creed, coupled with the constant cultivation of the three hearts – "gratitude," "pride," and "humility." By inheriting this tradition of thought, we have consistently faced and adapted to the changing needs of the industry and society, always striving to respond proactively.

These efforts have materialized, and currently, we are recognized as a top-tier company in the industry, receiving high praise in the market for our technological prowess and adaptability.

Amidst the current uncertain and significant changes in the social landscape, Miyake Forging Co., Ltd. is actively formulating its mid-term business policies and plans to strengthen the organizational structure. Currently, we are strengthening our corporate structure by formulating a medium-term management policy and plan.

The most significant keyword in our medium-term management policy is "establishing a foundation for new growth through the creation of a conducive culture and organizational strengthening."

We aspire to create a corporate culture where employees find it more conducive to work and experience tangible growth. Simultaneously, we aim to build a stronger organization and team that can function more cohesively. With these intentions in mind, we seek to harness the potential of young talents as "human resources" and implement personnel and educational systems that align with the times and environment. Through these systems, we aim to enhance skills in various fields, foster mutual growth, and catalyze innovation through the strength of the organization.

In the ever-evolving automotive industry, we strive to contribute to the creation of a truly prosperous society by integrating over 80 years of tradition and innovation. As we continue to navigate through the changes, we look forward to reaching our 100th anniversary and beyond, advancing towards the future with a commitment to our mission.

代表取締役社長

三宅良平





Company Overview

Company Name MIYAKE FORGING Co.,Ltd.

Establishment Established in January of Showa 35 (1960), in operation since April of Showa 14 (1939)

Capital stock Authorized Capital: 60 million yen

Sales Revenue 21.4 billion yen

Executive Team

Chairman of the Board Kazuhito Fukui
President & CEO Ryohei Miyake

Employee Information (As of March 2024)

Head Office/Head Factory 326 employees
Shiga Factory 157 employees
※ As of August 2025

Factory Site Area

Head Factory	51,207 square meters (Building: 22,790 square meters)
Shiga Factory	36,964 square meters (Building: 15,060 square meters)
Iga Logistics Center	38,479 square meters (Building: 6,353 square meters)
Thailand Factory	17,728 square meters (Building: 7,200 square meters)
U.S. Factory	28,328 square meters (Building: 3,568 square meters)

Major Banks (In alphabetical order)

Sanju San Bank
Nanto Bank
Japan Finance Corporation
Hyakugo Bank
Mitsui Sumitomo Bank

Major Clients/Customers (In alphabetical order)

Aichi Steel Corporation
JTEKT Corporation
Nakanishi Metal Works Co., Ltd.
NSK Ltd.
NIPPON THOMPSON CO.,LTD.
Nachi-Fujikoshi Corp.
And 26 other companies.



Head Office/Head Factory

Address: 〒518-0001

Mie Prefecture, Iga City, Sanagu-cho 1626

Contact: Tel: (0595) 23-5111 (Main Line) Fax:
(0595) 24-3860



Shiga Factory:

Address: 〒528-0007

Shiga Prefecture, Koka City, Minakuchi-cho
Shinjo 525

Contact: Tel: (0748) 62-0841 (Main Line) Fax:
(0748) 62-9600



Iga Logistics Center:

Address: 〒518-0002

Mie Prefecture, Iga City, Chitose 795-1

Contact: Tel: (0595) 48-5122 (Main Line) Fax:
(0595) 48-5122



Group Company

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Miyake Forging's Philosophy

Corporate Philosophy

Enhancing technology as a manufacturing company and contributing to the creation of a truly prosperous society.



Corporate Creed

In order to enhance corporate value, we always carry three 'hearts': 'Effort' without hesitation, 'Gratitude,' 'Pride,' and 'Humility.'





Ten Principles of Miyake (Code of Conduct)

1.Safety

Never compromise on safety, strive for zero accidents.

2.Customer

Understand customer needs and always give our best.

3.Social Contribution

Devote ourselves to creating excellent products and contribute to society through craftsmanship.

4.Aspiration

Fear no failure, always challenge with a positive attitude.

5.Sincerity

Approach everything humbly and act with sincerity.

6.Positive Workplace

Maintain greetings as a basic practice, keep smiles, create a bright, friendly, and energetic atmosphere.

7.Critical Thinking

Instead of giving reasons for what cannot be done, think about how it can be achieved.

8.Effort

No success without effort, no happiness without success.

9.Improvement

Eliminate waste, inconsistency, and impossibility, always seek efficiency.

10.Trust

Trust your colleagues, respect each other, and cultivate a caring heart.



ISO45001 認証取得
労働安全衛生マネジメントシステム国際規格

Various Basic Policies
ISO14001 認証取得
環境マネジメントシステム国際規格

IATF16949 認証取得
自動車産業品質マネジメントシステム規格

Basic Policies

We aim to build a strong corporate structure capable of adapting to change, and to continuously improve competitiveness and corporate value as a "value partner" that continues to be chosen.

1.Safety and Health

We strive to enhance the safety awareness of all employees, prevent occupational accidents, and work towards creating a comfortable workplace where everyone is healthy, cheerful, and injury-free.

Occupational Safety and Health Management System - ISO 45001:2018

The Head Office Factory, Shiga Factory, and Iga Logistics Center obtained the certification in June of the third year of Reiwa (2021) for ISO 45001:2018.

2.Quality

We aim to provide products that satisfy our customers and strengthen our internal capabilities through the continuous improvement of our Quality Management System

Quality Management System Standard - IATF 16949:2016

The Head Office Factory and Shiga Factory obtained the certification in December of the 30th year of Heisei (2018).

3.Environment

In pursuit of the realization of people's health and a prosperous society, we voluntarily and proactively engage in a wide range of initiatives for environmental conservation.

Environmental Management System Standard - ISO 14001:2015

Head Office Factory obtained the certification in December of the 15th year of Heisei (2003).

Shiga Factory obtained the certification in November of the 16th year of Heisei (2004).

Iga Logistics Center obtained the certification in June of the first year of Reiwa (2019).

4.Cost

All employees are constantly aware of costs and, through improvement activities and the utilization of latest technology, strive to pursue resource conservation and energy conservation as well as improved productivity.





History



Showa era (1939~)

April 1939(Showa 14)	Established as a bearing components turning processing plant in Nakanohama, Joto-ku, Osaka City.
June 1945(Showa 20)	Relocated to 253 Onojibacho, Sakai City.
April 1959(Showa 34)	Advanced into the cold processing of tapered rollers.
January 1960(Showa 35)	Established Miyake Works Co., Ltd. (Capital: 5 million yen)
November 1971 (Showa 46)	Advanced into the hot former forging division.
December 1972 (Showa 47)	Constructed a forging factory in Ueno City, Mie Prefecture, aiming to strengthen production.
March 1976 (Showa 51)	Constructed a tempering and shot factory, aiming for integrated production.
1983 (Showa 58)	Started non-oxidized tempering (unmanned processing day and night) to reduce turnover and improve quality.
April 1984 (Showa 59)	Relocated the turning factory to Ueno City.
August 1984 (Showa 59)	Increased the capital to 20 million yen.
November 1985 (Showa 60)	Advanced into the cold rolling department.
1985 (Showa 60)	Introduced a cold rolling machine, changing the internal and external separation method from 4-point separation to 3-point separation, aiming to improve accuracy and reduce costs.
June 1986 (Showa 61)	Expansion of turning factory, establishment of a new mold factory, in-house production of jigs and tools, and introduction of continuous tempering furnaces to enhance production capacity.
Showa 61 (1986)	Achieved in-house production of molds, reducing lead times and lowering costs. (Managed molds through an automated rack system)



Heisei Era (1990~)

July 1990 (Heisei 2)	Constructed the Ueno Second Factory to strengthen production in the forging and heat treatment departments. Newly installed power generation facilities aimed at stable in-house production and cost reduction.
September 1990 (Heisei 2)	Changed the company name to Miyake Co., Ltd.
April 1992 (Heisei 4)	Introduced a personnel evaluation system to promote internal vitality.
2007 (Heisei 19)	Successfully achieved cold rolling processing for hub bearing outer rings.
2009 (Heisei 21), April	Increased the capital to 48 million yen.
2009 (Heisei 21), June	Established a project team to build the production management system and kicked off the project.
2009 (Heisei 21), December	Shiga Factory started operations.
2010 (Heisei 22), April	Internal WAN (Wide Area Network) started operations.
2014 (Heisei 26), December	ISO9001 2000 Edition Certification obtained. Certification Registration Number: JQA-QM5869.
2003 (Heisei 15), December	Headquarters: ISO14001 Certification obtained. Certification Registration Number: JQA-EM3486. Shiga Plant: ISO9001 2000 Edition Certification obtained. Certification Registration Number: JQA-QM5869.
2004 (Heisei 16), June	Headquarters: Establishment of the 3rd Factory.
2004 (Heisei 16), November	Shiga Factory: ISO14001 Certification obtained, Certification Registration Number JQA-EM3486. Expansion of hot forging formers and installation of continuous annealing furnaces at Shiga Factory.
2005 (Heisei 17), August	Expansion of HBP120 hot forging formers to enhance production capabilities.
2006 (Heisei 18), April	Promotion of hot and cold composite processing through the addition of cold forging machines.
November 2006 (Heisei 18)	Strengthening automotive parts processing with the addition of HBF160EN hot forging formers.
July 2008 (Heisei 20)	Increased capital to 60 million yen. Expanded the continuous annealing furnace at the main plant.
January 2009 (Heisei 21)	Established the 2015 MIYAKE VISION.
April 2009 (Heisei 21)	Received JISHA-Style Qualified OSHMS Certification. Certification Number: 09-24-19.
March 2010 (Heisei 22)	Introduced HATEBUR HM35 Hot Forging Former.
March 2013 (Heisei 25)	Established Thai Factory.
July 2016 (Heisei 28)	Completion of the New Heat Treatment Facility in Shiga.
April 2017 (Heisei 29)	Establishment of the U.S Factory.
November 2017 (Heisei 29)	Establishment of the Iga Logistics Center.
December 2018 (Heisei 30)	Obtained IATF16949 certification for the Automotive Industry Quality Management System. Head Factory: Certification Number 677914-000 Shiga Factory: Certification Number 677914-001

Reiwa Era (2020~)

October of the 2nd year of Reiwa (2020)	the establishment of the 3rd forging plant and the 4th heat treatment plant at the main office.
In June of the 3rd year of Reiwa (2021)	the company obtained the ISO45001 certification for Occupational Safety and Health Management System with certification number JQA-OH0342.
In March of the 8th year of Reiwa(2026)	Changed the company name to MIYAKE FORGING Co.,Ltd.