

Robot Business Profile

Kawasaki Robotics

Kawasaki Heavy Industries, Ltd.

Robot Business Division

Tokyo Head Office/Robot Division
1-14-5, Kaigan, Minato-ku, Tokyo 105-8315, Japan
Phone: +81-3-3435-2501 Fax: +81-3-3437-9880

Akashi Works/Robot Division
1-1, Kawasaki-cho, Akashi, Hyogo 673-8666, Japan
Phone: +81-78-921-2946 Fax: +81-78-923-6548

Nishi-Kobe Works/Robot Division
234, Matsumoto, Hasetani-cho, Nishi-ku, Kobe, Hyogo
651-2239, Japan
Phone: +81-78-915-8136 Fax: +81-78-915-8274

Global Network

Kawasaki Robotics (USA), Inc.
28140 Lakeview Drive, Wixom, MI 48393, U.S.A.
Phone: +1-248-446-4100 Fax: +1-248-446-4200

Kawasaki Robotics (UK) Ltd.
Unit 4 Easter Court, Europa Boulevard, Westbrook
Warrington Cheshire, WA5 7ZB, United Kingdom
Phone: +44-1925-71-3000 Fax: +44-1925-71-3001

Kawasaki Robotics GmbH
Im Taubental 32, 41468 Neuss, Germany
Phone: +49-2131-34260 Fax: +49-2131-3426-22

Kawasaki Robotics Korea, Ltd.
Room 1408, 135, Gasan digital 2-ro, Geumcheon-gu, Seoul,
Republic of Korea
Phone: +82-32-821-6941 Fax: +82-32-821-6947

Kawasaki Robotics (Tianjin) Co., Ltd.
1-2/F, Building 6, No.19 Xinhuan Road, TEDA, China
Phone: +86-22-5983-1888 Fax: +86-22-5983-1889

Taiwan Kawasaki Robot Center
3F, No.31, Ln.216, Gongyuan Rd.,Hsinchu City
30069, Taiwan(R.O.C)
Phone: +886-3-562-0518

Kawasaki Robotics (Thailand) Co., Ltd.
(Rayong Robot Center)
119/9 Moo 4 T.Pluak Daeng, A.Pluak Daeng, Rayong 21140
Thailand
Phone: +66-38-955-040-58 Fax: +66-38-955-145

Singapore Kawasaki Robot Center
100G Pasir Panjang Road #06-10
Singapore 118523
Phone: +65-6513-3145

Kawasaki Robotics India Pvt. Ltd.
1/5, Village-Khandsa, Khasra No. 1364,599/2/2/1,
Hero Honda Chowk,Gurgaon-122001, Haryana
Phone: +91-124-608-5500

Kawasaki Robotics website
<https://kawasakirobotics.com/>



Kawasaki Robostage (showroom)
<https://kawasakirobotics.com/jp-sp/robostage/en/>



CAUTIONS TO BE TAKEN TO ENSURE SAFETY

- For any persons involved with the operation / servicing of your system, including Kawasaki Robot, they must strictly observe all safety regulations at all times. Please carefully read the Manuals and other related safety documents.
- Products described in this catalogue are general industrial robots. Therefore, if a customer wishes to use the Robot for special purposes, which might endanger operators, or if the Robot has any problems, please contact us. We will be happy to help you.
- Please be careful as Photographs illustrated in this catalogue are frequently taken after the removal of safety fences and other safety devices stipulated in the safety regulations from the Robot operation system.

What Exactly Is an Industrial Robot?



In today's world, where the demand for automation is growing, industrial robots are gaining attention as a key solution to labor shortages and a driver of new business opportunities.

Robots can be broadly categorized into "industrial robots" and "non-industrial robots." The former are mainly used in fields such as manufacturing, logistics, agriculture, and livestock, while the latter are found in areas like security, healthcare, welfare, and space exploration.

Industrial robots, known for their versatility and flexibility, are well-suited for environments where dedicated machines are difficult to implement or large-scale facility upgrades are not feasible.

By assigning tasks to robots, it also becomes possible to accumulate operational data. This data can be reused by other robots and leveraged for progress tracking, performance analysis, and ensuring traceability.



Why Kawasaki Is Committed to Robotics



Labor shortages are expected to become a major social issue in the near future.

In the 1960s, Kawasaki Heavy Industries, which was engaged in industrial machinery for synthetic chemical fibers at the time, began exploring new areas of equipment development. This shift was driven by a strategic vision anticipating a transformation in Japan's industrial structure—from light to heavy industries.

Through market research, Kawasaki identified that, in the coming era of rapid economic growth, productivity improvement—as a consequence of labor shortages—would become a major social challenge.

Entering the robotics field became a top strategic priority.

This strategic focus on robotics was driven by the founding spirit of "solving social issues through technology." In response to anticipated labor shortages and the need for productivity improvements, Kawasaki identified robotics as a key area where its technological expertise could be fully utilized.

Around the same time, the U.S.-based company Unimation was seeking a technical partner in Japan for industrial robots. Upon learning this, Kawasaki immediately initiated negotiations with Unimation. This collaboration led to the launch of Japan's first industrial robot, the "Kawasaki-Unimate," in 1969.



Driving factory automation and contributing to semiconductor manufacturing.

Since the development of Japan's first domestically produced industrial robot, Kawasaki has consistently upheld its manufacturing DNA and its commitment to supporting customers seeking automation. This spirit first took root during Japan's period of rapid economic growth, with the automation of automotive production, and later contributed to the advancement of semiconductor manufacturing through robotics.

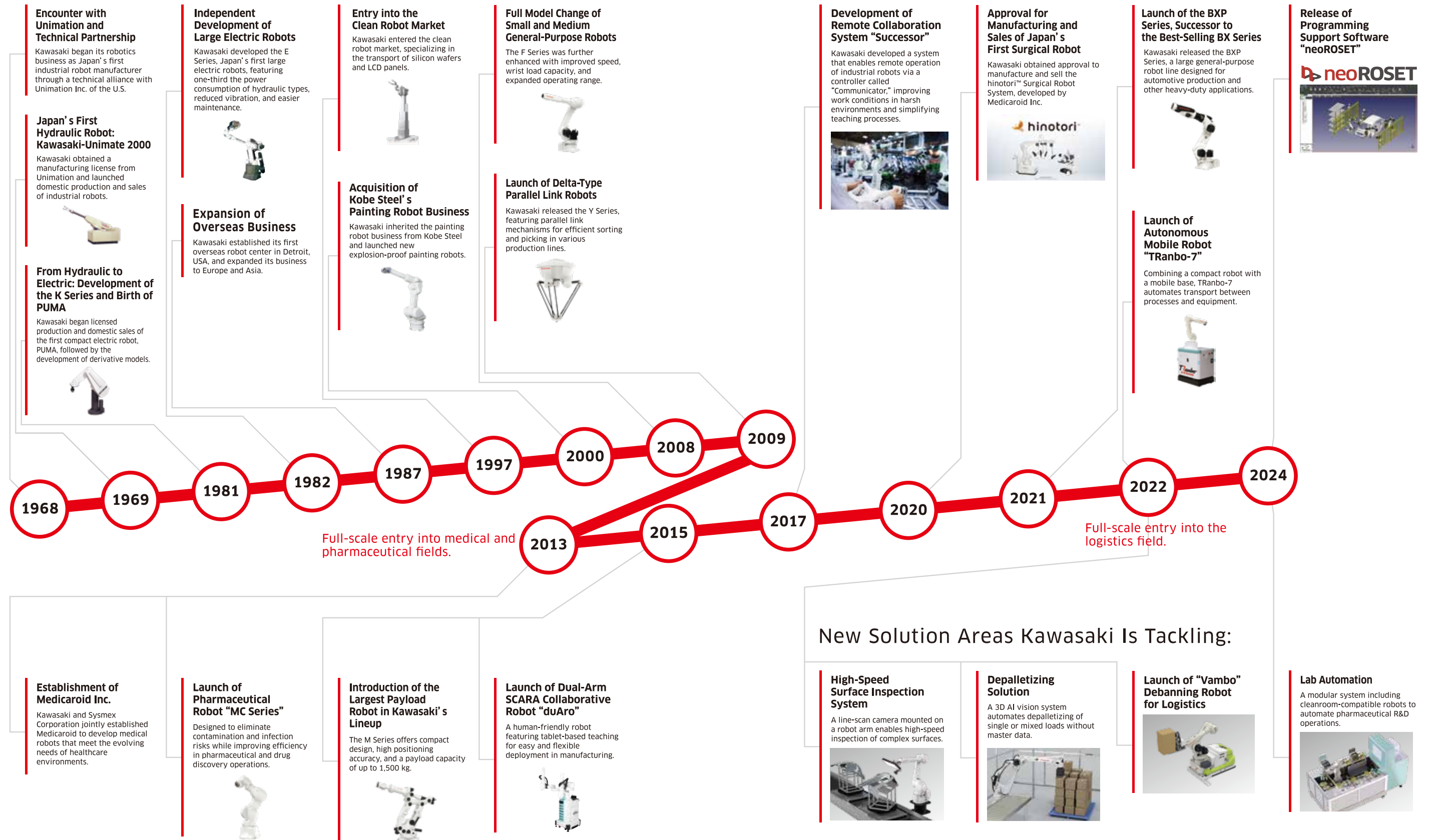
Advancing robotics as social infrastructure in fields like logistics and healthcare.

Today, with the global decline in the working population becoming increasingly evident, automation is needed across a far broader range of fields than during Japan's period of rapid economic growth. In response, Kawasaki's robotics business is expanding beyond manufacturing into logistics, healthcare, and other sectors—continuing its challenge to address the critical issue of making robotics a part of social infrastructure through technology.



From an Industrial Robot Manufacturer to a Comprehensive Robotics Company Solving Social Challenges

In May 1969, Kawasaki launched Japan's first industrial robot—the Kawasaki-Unimate 2000—marking the beginning of the country's industrial robotics history. Today, advanced nations face serious social challenges, including labor shortages due to rapid aging and the loss of skilled expertise. Robots are now expected to play a vital role not only in manufacturing but also in everyday environments. To meet these growing expectations, Kawasaki continues its challenge as a comprehensive robotics manufacturer committed to solving social issues through technology.



Kawasaki's strength lies in its ability to propose automation solutions backed by extensive expertise and experience.

INDUSTRY-LEADING ROBOT SPECIFICATIONS

Kawasaki robots boast industry-leading specifications. The BX Series, launched in 2012, has achieved shipments of tens of thousands of units. In 2021, the series evolved into the BXP Series, which has made significant contributions to improving productivity and quality across a wide range of industries. The BX/BXP Series robots can handle payloads from 100 kg up to 300 kg, making them suitable for a variety of applications including assembly, handling, spot welding, and palletizing. Featuring a hollow wrist structure with internally routed cables and hoses, these robots minimize interference with peripheral equipment and enable easy offline simulation, allowing high-density installation.



TAILORED SOLUTIONS FOR INDUSTRY-SPECIFIC CHALLENGES

In the 1990s, the rapid rise of digital technologies drove increased demand for semiconductors and LCDs. To meet this demand, Kawasaki leveraged its expertise in 6-axis articulated robots—developed for the automotive industry—to create the high-speed, agile TS and TL series for wafer handling. This marked our full-scale entry into the cleanroom robotics market.

Since launching our clean robot business in 1995, Kawasaki has become a global leader in cleanroom automation. By supplying high-precision, high-speed robots with specialized arm configurations to major semiconductor equipment manufacturers via OEM partnerships, we've helped advance manufacturing processes and support the industry's growth.

Our solutions have played a key role in enabling both higher performance and large-scale production in semiconductor manufacturing. By staying close to our customers' evolving needs, we've earned a strong position in the market.

As new challenges emerge—such as labor shortages in logistics—Kawasaki remains committed to delivering automation solutions powered by robotics, helping industries adapt and thrive.



RELIABLE SUPPORT AND WARRANTY FOR PEACE OF MIND AFTER INSTALLATION

To ensure customers can operate their robotic systems with confidence even after installation, Kawasaki offers a robust support framework.

Our trusted maintenance package, K-COMMIT, provided by Kawasaki Robot Service, Ltd., enables predictive diagnostics through robot condition monitoring. This helps minimize unexpected downtime, optimize maintenance costs, and maximize operational efficiency.

In addition, our nationwide service network delivers comprehensive support—from regular maintenance to rapid troubleshooting—helping extend equipment lifespan and boost productivity.

With a reliable support system in place, Kawasaki continues to empower your business with long-term performance and peace of mind.



カワサキロボット安心ライフサイクルサポート



The Future We Envision

Industrial Supporting progress

For over 50 years, Kawasaki has been advancing the development of industrial robots, expanding its technologies into diverse fields such as the automotive industry and semiconductor manufacturing.

What has driven this progress is our customer-centric DNA: the commitment to proposing comprehensive robotic automation solutions, and when existing robots cannot meet the needs, the willingness to develop optimal robotic systems without hesitation.

- Free people from engaging in the 3Ds of difficult, dirty, and dangerous work (the "3Ks" in Japanese)
- Contribute to creating efficient and precise manufacturing processes in the production plants of various industries
- Eliminate labor shortage and reduce costs for customers
- Contribute indirectly to the development of all industries and improve people's lives by successfully facilitating the efficient and high-quality production of semiconductors.



Industrial Supporting Progress – Industrial Robots



Medical Supporting human lives

The medical robotics market is projected to grow to approximately ¥6.3 trillion by 2030. In response to this trend, Kawasaki and Sysmex jointly established Mediaroid in 2013, which developed the surgical assist robot hinotori™.

Mediaroid manufactures and sells hinotori™, a compact and highly operable system, initially targeting urology and gradually expanding to other medical specialties.

In 2023, the company obtained sales approval in Singapore, marking the beginning of its global expansion.

Kawasaki supports this initiative through its cleanroom production assets and maintenance infrastructure, reducing burdens in the medical field.

- Help to reduce the physical burdens on patients who will undergo surgery and improve their quality of life
- Contribute to the elimination of regional disparities in healthcare and labor shortages through the realization of remote surgery

Medical Supporting Human Lives – Medical Robots

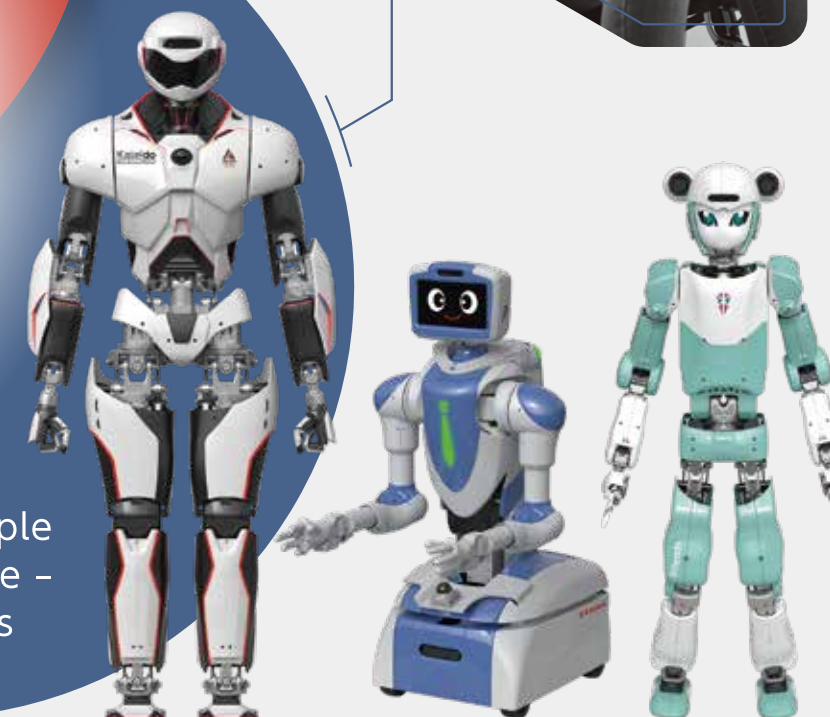


Sustainability & Creativity

Sharing strengths.
Sustaining society.
Empowering creativity.

Social

Supporting People Where They Live – Social Robots



Social Supporting people where they live

The social robotics market is projected to grow to approximately ¥7.4 trillion by 2030, driven by declining birthrates, aging populations, and labor shortages.

Kawasaki aims to realize a society where social robots support people's daily lives, making robots a familiar presence through co-creation and real-world implementation.

We are especially focused on deploying robots in medical and nursing care settings to help streamline nursing and caregiving tasks.

In 2024, we launched CO-CREATION PARK KAWARUBA, a hub for collaboration with diverse stakeholders to conduct pilot programs and accelerate the social integration of robots.

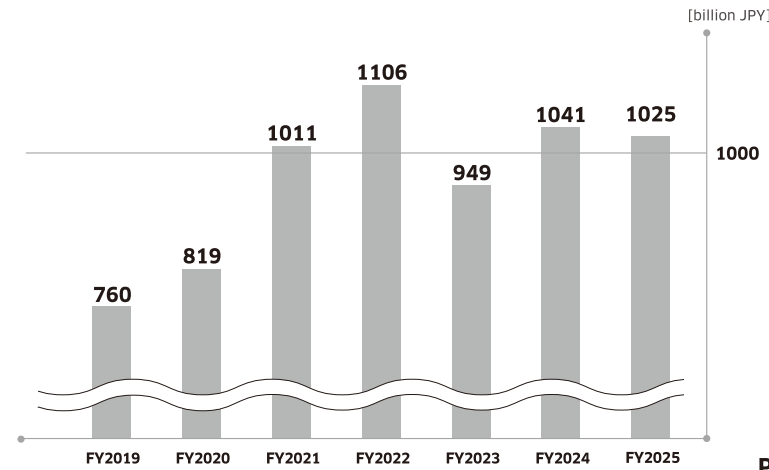
- Concentrate capital in advanced healthcare through reducing the workload of essential workers in facilities such as hospitals and nursing homes

- Eliminate labor shortage and reduce costs for customers

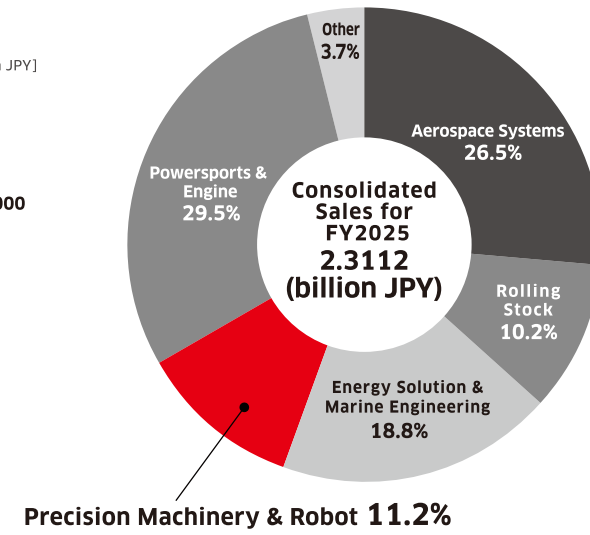


FINANCIAL HIGHLIGHTS(FY 2025)

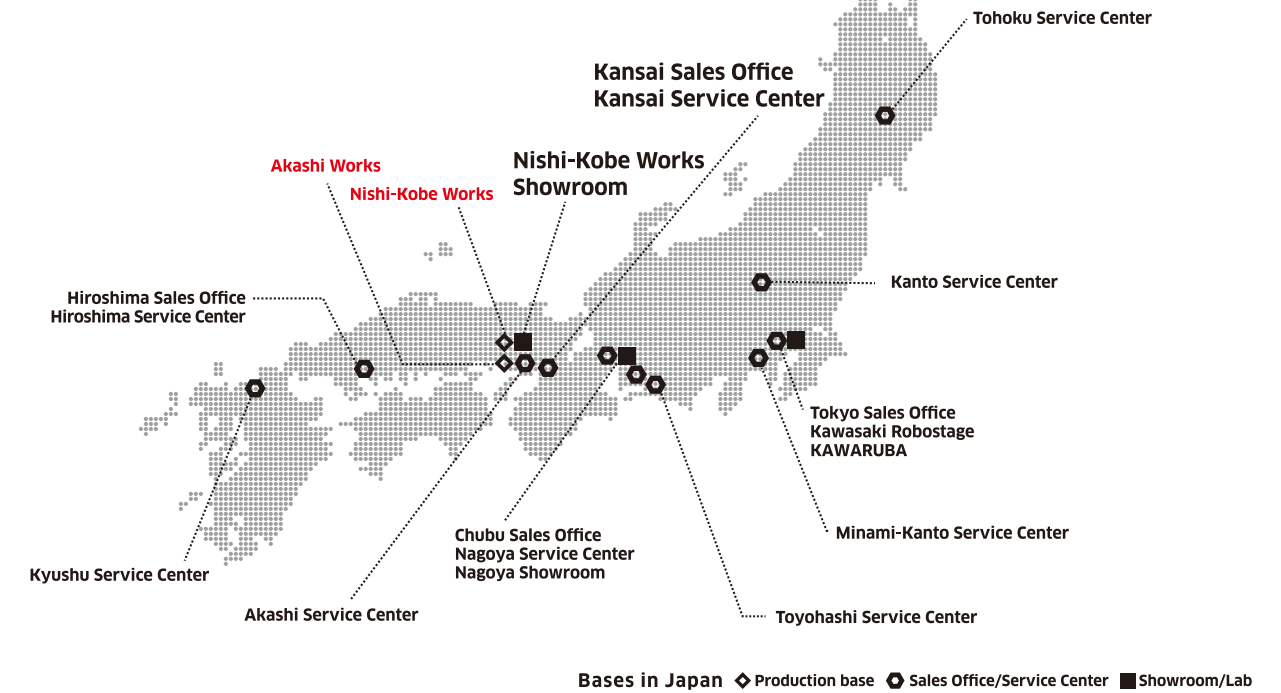
Financial results of the Robot Company



Performance of each Kawasaki Heavy Industries segment



Kawasaki Heavy Industries helps customers introduce robots into their workplaces globally.



Organizational Structure

