Corporate Profile

CKD Corporation

Automation Technology for the Future
Towards a true Global company that the future needs

CKD has created a 10-year vision in response to market environments that are set to change significantly. Looking ahead 10 years, we are embarking on a journey as a pioneer in automation with a goal of becoming a “Total FA Worldwide Supplier”. Our determination will allow us to expand into uncharted territories and to further contribute to the Global society and make it a sustainable one.

For our 10-year vision, which is based on three key policies: to challenge new business activities and markets, to evolve our products from being the best in Japan to becoming globally recognized products, and to strengthen our business foundations, we will continue to boldly challenge higher goals and demonstrate the new values created to the rest of the world.

Keep your eyes fixed on CKD as we soar over challenges and aggressively expand into foreign markets.

President
Kazunori Kajimoto

1943 Established Japan Aircraft Electric Co., Ltd.
1947 CKD’s first automated machinery began manufacturing “Vacuum tube manufacturing equipment.”
1956 Started the mass-production of component products.
2012 Changed the company name to “CKD Corporation.”
Our strengths

With the growth of our product lineup, CKD is contributing to helping manufacturing businesses around the world.

We are proud of our rich product portfolio that covers all fields with over 500,000 products supporting manufacturing sites all over the world. It is continually enhanced by taking advantage of our automation and liquid control technologies which create the steady flow of products developed to meet the needs of our customers.

CKD's core technologies

01 Wide range of products that meet the needs

1985

Air dryers

Refrigerated [K Series]

F.R.L. kit

1995

Liquid control technologies which create the steady flow of products that meet the needs

It is continually enhanced by taking advantage of our automation and liquid control technologies which create the steady flow of products developed to meet the needs of our customers.

2005

With the growth of our product lineup, CKD is contributing to helping manufacturing businesses around the world.

Our strengths 01

Developed to meet the needs of our customers.
A broad range of technologies supports the entire process from development to quality assurance across diverse industrial fields.

Since its establishment, CKD has continually identified the needs of the age faster than any other company as a pioneer of automation technology. We have researched and developed a wide range of products from two different perspectives: Automatic machinery and component products. The technology has been handed down and improved with the times.

Image inspection technology
CKD’s automated machinery are equipped with our proprietary image inspection technology. For example, with pharmaceutical products packaging inspection and 3D solder paste inspection for printed circuit boards, this technology improves quality and fully automates processes with fast and reliable fault detecting functions.

Film forming technology
Various forms of film containers can be molded spanning a broad range of products from pharmaceutical, food, etc. From the forming to the final punching out of the container is done in one process, products are packaged in an extremely hygienic environment.

Glass processing technology
We have profound knowledge of glass processing, such as, shape processing suitable for glass characteristics and glass-to-metal seals. Our technology allows high quality processing for many different lighting apparatuses including special lamps and liquid crystal backlights.

Machine control technology
Our machine control technology supports automation and contributes to high speed and accurate automated systems, e.g., electrode winding of lithium-ion batteries and system synchronization of film packaging.

Integration of electric power and air in drive components
To respond to many different applications of automation, we have control technologies that use electric power and air. We provide automation appropriate to customer needs via a rich product lineup based on our high technological capabilities.

Fluid control technology
With our vast lineup of component products that optimally control a wide range of fluids from water to air, gas, steam, oil, etc., we cater to customers’ needs.

Technology for microminiaturization of semiconductor devices
The fluid control components incorporated in semiconductor manufacturing equipment are manufactured in clean rooms that meet equipment requirements. Furthermore, we continue to develop technologies responding to miniaturization applications.

Technologies for individual manufacturing processes
Our FP Series for food manufacturing processes, W Series for Outdoor use, P4 Series for Rechargeable battery manufacturing processes, G Series for Welding processes, etc., thoroughly support diversified operating environments.

Towards a Total FA Worldwide Supplier
Automatic machinery  Component products

CKD’s broad range of technologies
CKD is proud of its rich product lineup. A wide range of diversified technologies support those products across many industrial fields. We aim to be a Total FA Worldwide Supplier by continuously integrating and improving our proprietary technologies for individual component products.

Contribution to smart factories
We develop telecommunication, sensors and failure prediction products on a timely basis that have become required due to the proliferation of IoT. We support the enhancement of pre-maintenance management.

Modularization and systematization
To be able to meet the delivery needs of our customers, the automated machinery are modularized, and to be space-saving with high performance, components products are integrated and systematized. CKD’s core technologies are supplied to our customers.

Quality assurance
To keep quality high during the development process, we evaluate and record quality in each phase of a given project. With a thorough quality management system based on quality engineering, we can also respond to customer needs for quality.
Production and sales network for global satisfaction

To deliver optimal products, technologies and services to customers rapidly and surely, we have a network of bases encompassing not only Japan but also Europe, the Americas and Asia. We build close relationships with customers across the globe and provide them with the strong support they want and need.
CKD’s technology active in the world

CKD’s technology, which has penetrated society and proven itself beneficial in all fields, is helping to build an affluent society and create a new era.

Convenience in our everyday lives

Fluid control components
CKD’s technology for controlling virtually any type of fluid is active in various fields such as park sprinkler systems, machine tools, etc., and is making people’s lives more convenient.

Manufacturing (Monozukuri)

Electric actuators / Pneumatic cylinders
Also included in CKD products are automotive, daily necessities, processes where things are made. They are used for pneumatically operated doors on trains.

Electronics

Fluid control components for semiconductors
Semi-conductors and liquid crystals are used in electronic devices such as TVs, PCs, tablets, etc. CKD’s fluid control components are actively used in the clean environments for manufacturing them.

IT

Three-dimensional solder paste inspection machines
CKD’s technology that never misses defects in printed circuit board manufacturing of smartphones, contribute to high functionality and miniaturization of electronic components.

Food safety

Automated food packaging systems / Food manufacturing components
An increasing number of foods are being packaged to improve added-values such as maintenance of food quality and hygienic conditions. CKD’s food packaging technology ensures food safety and provides people with a peace of mind.

Environment

Fluid control devices for solar cells
Solar cells are being introduced in various fields to convert to sustainable energy. CKD’s products are adopted in the solar cell manufacturing process.

Medical and healthcare

Pharmaceutical packaging systems / Life science components
CKD’s technologies are applied to the pharmaceutical and medical machines supporting safe medical care such as drug and syringe packaging machines, oxygen concentrators, analytical devices and dental instrument control.

Energy

Lithium-ion battery manufacturing machines / Battery manufacturing components
Lithium-ion batteries are used for hybrid and electric vehicles, and their applications are increasing. CKD’s technology is used to manufacture lithium-ion batteries.
Automatic machinery

We develop and provide automated machineries that meet customer needs based on our best-in-the-industry achievements.

Automatic packaging systems

Pharmaceutical and medical
Contribute to safe medical care with more than 50 years of achievements and know-how.

We have a wide range of cutting-edge machines for automated packaging processes for medical and pharmaceutical products. In fact, we have the top market share in Japan. We meet user needs for energy- and resource-savings, and fully unmanned packaging processes with quality control using our proprietary inline automated inspection system.

Contribute to safe medical care with more than 50 years of achievements and know-how.

Automatic packaging systems

We develop and provide automated machineries that meet customer needs based on our best-in-the-industry achievements.

Winding machines for lithium-ion batteries

We ensure the safety of batteries with high-precision windings and contamination countermeasures.

These automated machines manufacture cores of lithium-ion batteries at high speeds and high precision. With the integration of our servo control technology that have improved over the years and our proprietary technology for pneumatic components and cam technology, we guarantee the quality and safety of batteries.

3D solder paste inspection machines

Supporting miniaturization and high densification of electronic components.

With our proprietary 3D inspection technology and high-speed inspection which is top-class in the industry, these machines accurately measure the volume and height of the solder paste, and while reducing the defect rate of printed circuit boards, miniaturization and high density are promoted. They are highly evaluated for their high inspection accuracy and user-friendliness.

Food packaging machines pursuing food safety as human safety

Making use of blister packaging machine-specific technologies, the CFF series has pursued cost advantages and improved quality stability. This series offers high performance sealing, safety, hygiene and operability. In addition, these machines conserve resources by minimizing waste from packaging materials including upper lids and container films.
Ultra-cleanroom compatible components support electronic devices. With a broad range of products covering supply systems to exhaust systems of semiconductor and flat panel displays, we are able to provide state-of-the-art process control. We support the electronic device industry with our Fine System Components which can be used in clean environments.

Fine system devices

Component products

We have a wide array of component products to respond to customer demands and needs for quality, fluid control and automation.

Pneumatic control systems

Promote automation by making full use of pneumatic technology.

These units control airflow, for example, the driving of a control valve cylinder. We develop automated systems responding to a broad range of industrial needs and propose pneumatic technologies in consideration of environmental preservation and energy conservation.

Drive units

Support the automation of industrial systems.

As pneumatic cylinders are low cost and easily automated, they are used in wide production fields. Proposals are made using variations of high precision and user friendly electric actuators, with consciousness to the environment and energy savings in mind.

Pneumatic related components

System peripherals manage the quality of compressed air.

We provide pneumatic system units based on the know-how acquired through the development of pneumatic auxiliary devices including “F.R.L. units.”

Labor-saving components

Responding to a wide array of automation needs with a rich product lineup

With the themes on “More precision, faster and more easier to use”, products are born from user needs through our unique perspectives and proprietary technologies.
CSR

CKD builds relationships of trust with stakeholders through various activities and contributes to the future society by making the most of technologies and know-how we have acquired over the years, in order to continue to grow together.

Corporate governance

To be a company that stakeholders feel good about and trust, we have enhanced corporate governance into a mechanism that ensures healthy and efficient management and improves transparency.

Compliance

To be sure that employees comply with laws and regulations when performing their duties and are socially responsible and embody our Corporate Philosophy, we define “Awareness of Social Responsibilities” as a Corporate Commitment. We have in place Standards of Conduct and thoroughly communicate both of these principles to keep everyone informed. With regards to compliance, security, export control regulations and illegal activities report regulations are in place. We also systematically educate employees about compliance via training programs designed by role, grade and section.

Environment

As a commitment to managing the impact that our business activities, products and services have on the environment, we assess and continuously improve it. We contribute to the conservation of the global environment not only by complying with laws and regulations but also by providing environmental-friendly products that make use of the technologies we have obtained over the years.

Low environmental load products

We develop eco-friendly products by using our unique “Environmental Acceptability Assessment Form” to intentionally incorporate environmental targets into the product planning and development stage, and create more environmentally-friendly products.

Green procurement

We care for the environment even in the procurement stage. We preferentially purchase products from suppliers of a higher green procurement level.

Human resource development

We develop human resources by incorporating the following items in our Standards of Conduct: “All employees to demonstrate enthusiasm on the job and proactively work,” “Create a workplace environment where individuals can fully show their abilities,” “Make efforts to nurture successors,” and “Make efforts to create relationships and a discrimination-free workplace environment.”

Training by level

Focus is placed on developing careers and jobs, e.g., new employee training, OJT training, middle management training, leader training, site supervisor training and production skill training.

Promotion of women’s empowerment

The support system for working women is enhanced by, for example, job return and childcare support systems. Training is also offered for career-minded women.

Overseas training

To gear young staff members for globalization, there is a training program that places employees from Japan and overseas group companies at foreign sites for one or three months.

Social contributions

Basic policy on social contributions

As a good corporate citizen, we value social engagement, promote social contribution activities and play our part in creating an affluent society. (Based on the Corporate Philosophy, Corporate Commitment and Standards of Conduct)

Course of action

CKD’s forestation activities

Cleanup activities

Corporate governance organization

Quality - Environmental Policy

CKD is determined to ensure continuous improvement of quality and environmental management. To ensure this, we have set a “Quality Assurance Policy” to provide products and services that satisfy our customers’ expectations in reliability and efficiency. Such a policy is a prerequisite for long-term business success.

[Quality]

1. Practice activities to bring improvements and defects down to “zero”
2. Establish a global and consistent corporate culture
3. Increase the ratio of overseas manufacturing and sales
4. Ensure no contaminated products are distributed and improve quality
5. Enhance employee engagement
6. Improve productivity

[Environment]

1. Promote the development and sales of environmental load reduction products
2. Identify and comply with the environmental regulations and their requirements, including social life of persons working in CKD, ensuring ISO, environmental, ISO environmental, and other regulations
3. Reduce energy costs, resources saving, and building energy consumption
4. Contribute to the environment through plant location
5. Reduce environment-related environmental factors

April 1, 2011
CKD Corporation

President

K. O. Kudo
Executive Officer

Chairman and CEO

K. O. Kudo
Executive Officer

Chairman and CEO
Corporate Information

Board of Directors (as of June 30, 2018)

President: Kazuyoshi Kajimoto
Director & Managing Executive Officer: Katsuhito Okuoka
Director: Masahiro Kasabe
Director: Shinya Yamaoka
Director: Ichiro Kogawa
Director: Noriko Asai
Director: Kazumasa Inamura
Standing Auditor: Shigeki Ohmori
Auditor: Katsue Hayashi
Auditor: Natsuki Nara
Auditor: Takeshi Sawazumi
Executive Officer: Takeshi Nakae
Executive Officer: Youichiro Nozawa
Executive Officer: Tatsuya Takahashi
Executive Officer: Yoshikazu Yamauchi
Executive Officer: Noriaki Ichikawa
Executive Officer: Toru Inoza
Executive Officer: Koichi Furui
Executive Officer: Katsuhiko Nishida
Executive Officer: Kazuhiko Okada
Executive Officer: Kuniharu Hayashi

Corporate profile

Establishment: April 2, 1943
Paid-in Capital: 11,016 million yen
Number of employees: 4,284 personnel (as of March 31, 2018)
Annual sales: 115 billion 700 million yen (as of March 31, 2016)
listed on: First Section of Tokyo Stock Exchange and Nagoya Stock Exchange

Line of business: Development, manufacture, sale and export of automation machinery, labor-saving components, pneumatic control components, drive components, pneumatic auxiliary components, fine system components and fluid control components

History


Affiliated Companies

CKD Global Service Ltd.
CKD Field Engineering Corporation
CKD Shikoku Seikou Corporation

CKD NIKO DENSYO CO., LTD. (Became a subsidiary in April, 2017)

"NIKKI DENSO CO., LTD." became CKD’s affiliated companies to become CKD NIKO DENSYO CO., LTD.

April 2018 Commenced the operation of “Ohana nursery school”, an on-site day-care center in Japan Headquarters’ Komaki Plant.

Major shareholders (as of March 31, 2018)

Japan Trustee Services Bank, Ltd. (Trust account)
The Master Trust Bank of Japan, Ltd. (Trust account)
STATE STREET BANK AND TRUST COMPANY
CKD Shareholding Association
BBH FOR MATTHEWS JAPAN FUND

Consolidated results

Domestic sales network

East Japan Branch
Central Japan Branch
West Japan Branch

Component Products

Tokyo Sales Dept.

Component Products

Component Products

Component Products

Sales

Operating profit

Recurring profit

Sales

Operating profit

Recurring profit
CKD Corporation
250, Ouij 2-chome, Komaki, Aichi, 485-8551, Japan
Phone: +81-568-77-1111 Fax: +81-568-77-1123