

KAJI *for* EARTH 2050



KAJI TECHNOLOGY CORPORATION

Conquering global challenges with superior compression technology.

Doing the most we can for the health of Earth and all its people.
Taking skills and passion to a higher level.

Japan is aiming to realize a carbon neutral society by 2050.
Tackling global projects which transcend corporate boundaries
requires the further evolution of KAJI.

Engaging.
We have always stood together with our partners to
confront and overcome challenges.

Endeavoring.
We have always been pioneers in our field.

Converging.
Our strength lies in the tight-knit teamwork
we have developed through manufacturing the equipment
working at the heart of society.

Conquering global challenges
with superior compression technology.
The KAJI of today is shaping the Earth of 2050.

KAJI for EARTH 2050

Pick up Toward materializing carbon neutrality

One of the key factors to materialize carbon neutrality is Hydrogen which does not emit carbon dioxide even if it is burned. Through the development of Hydrogen gas compressors from the early stage, we have been participating in many projects to materialize Hydrogen energy-based society and have accumulated its related technology. We have delivered our compressors for 50 Hydrogen gas stations and compressors for Hydrogen production, its storage and transportation. We have been contributing to the Hydrogen supply chain infrastructure being built by public and private sectors.



For more information, please visit our website.
<https://www.kajitech.com/en/>

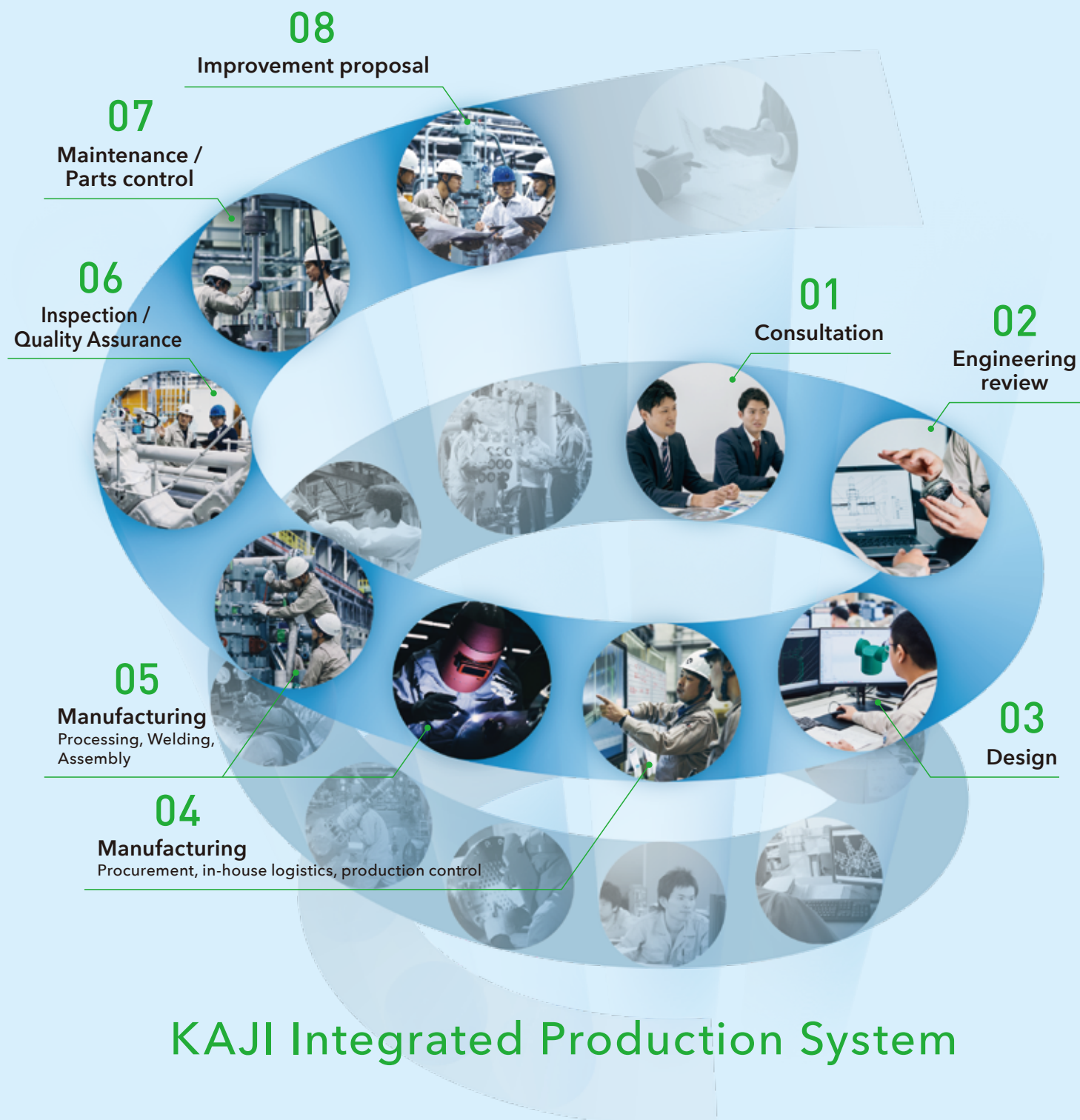


Closely uniting our High-level technology and capability. Integrated system to achieve high quality and support capability.

Production and control of whole compressor unit from bare compressor unit to piping and receiver are made by applying the consistent philosophy.
Distinguished high-pressure technology will be realized by close coordination among each in-house section.

As the operating function of the compressors as a key parts of our society, main parts are controlled by maintaining the philosophy of the design and production which succeeds for long period.

Our integrity to support the maintenance for long period is one of the reasons that we are trusted by our customers.

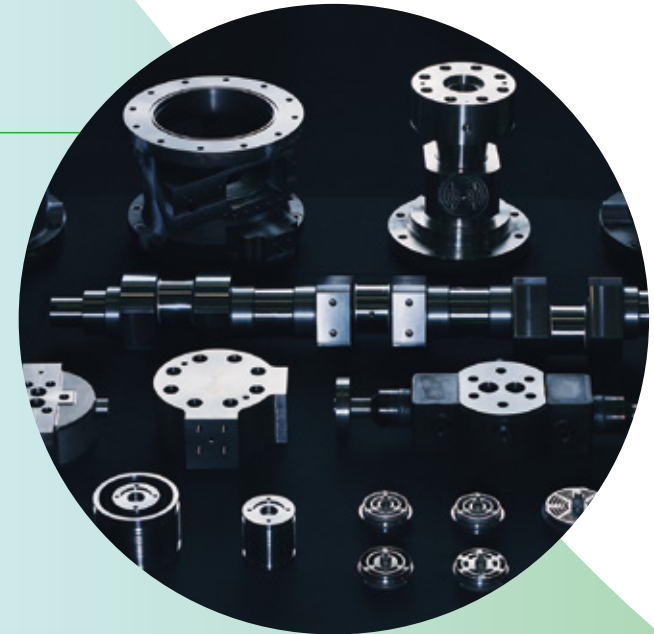


Value created by the Integrated production system

Value 01

Quality and Reliability

Our production system is basically in-house production and assembly. Design, production, and other supporting sections are coordinated by sharing the related information. Even when a partial production of components is outsourced, such outsourcing is made to our partner companies only which they can achieve our requesting high technology level. In addition, by implementing quality control activities, we monitor the quality from the order stage to assembly, inspection, shipment, and after-sales service. High quality and reliability are achieved in this way.



Value 02

Flexible capability including custom-made products

Integrated in-house production and control covering the design to processing and assembly stage enables flexible capability to meet the requirements of each customer. We have production records of ultra-high pressure compressors, compressors for special gases, and compressors for various gases. We produce various sizes of compressors and our compressors are used in various sites and applications such as energy industry to food industry. Based on our customer requirements, we will select the optimum model and develop new models.



Value 03

Long-term stable operation and for the improvement

One of the reasons that our integral system is highly evaluated is that we can supply parts, propose the alternative facility, and implement the maintenance work even for the facilities which were delivered by us several decades ago. We can realize the stable operation of the facilities. We can also provide long life-cycle solution to our customers by implementing the improvement of the running cost including the energy savings.



Business
Field 01

Compressors for Hydrogen gas-related business



Important facility of Hydrogen gas supply in contributing to the carbon neutral

We developed the world-first air-cooled oil-less compressor in 2004 which enables to boost Hydrogen gas to 110MPa. Our Hydrogen gas compressors utilizes the technology accumulated ahead of the times, and are used in wide areas of Hydrogen gas supply chains such as Hydrogen gas production, shipping facilities, and the refilling in the mobility field.



Core Technology
Superior
Compression
Technology

Supplying compressors essential for wide areas of industries and society.

Business
Field 02

Compressors for plant-related business



Materializing continuous long time operation as core facility of various plants

We have delivered various types of compressors for energy-related plants field such as oil refinery, petrochemical, LNG, and for steel plant, various gas production line, etc. The quality of our compressors, which operate stably in the severe environmental conditions, is highly evaluated in the world.



Business
Field 03

Compressors for PET bottle molding



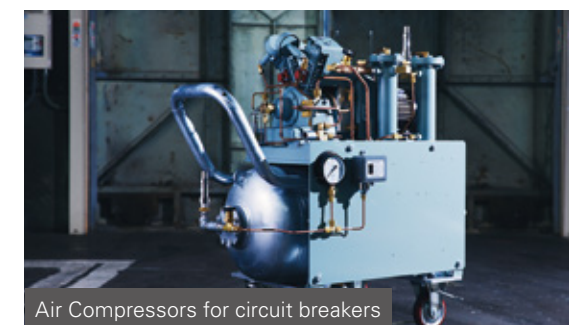
To supply of the air which is essential for PET bottle molding Best-seller with continuous evolution

Our Oil-free (Non-lubricated type) compressors will supply extremely clean high-pressure air through the pressure boosting. Our compressors for PET bottle molding are essential for the blow molding of PET bottles. Since the first-unit delivery of the PET bottle molding compressors in 1977, this compressor has become best-selling for over 40 years. And the evolution is still continuing to pursue higher efficiency, greater energy-saving, and less maintenance cost.



Business
Field 04

Other products



Air Compressors for circuit breakers



SF6 gas recovery unit

Business
Field 05

After-sales service



Supporting long-term stable operations by implementing checks and analysis, and aiming for further "Improvements over time".

Implementing periodical checks and the analysis of operations, and the maintenance so that the products after delivery can stably operate without problems. We will also propose facility replacement or modifications for longer life, energy-saving, and less operational costs, by always introducing the latest technology. We will continue to be a partner with our client to improve the client's productivity.

The background of the entire page is a composite image. The upper portion shows a deep blue night sky filled with numerous stars. The lower portion shows a complex industrial robotic system, likely a welding or manufacturing arm, with various pipes, valves, and a large vertical cylindrical component. The machinery is illuminated, contrasting with the dark sky. A small, faint image of a rabbit is visible on the far left edge, near the bottom.

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