Kyokuto Kaihatsu Kogyo Co., Ltd. **COMPANY PROFILE**

Kyokuto Kaihatsu Kogyo Co., Ltd.



• Contents are subject to change without prior notice. • Some of the photographs show products with optional parts. • For the purpose of photography, special colors and image composite processes are applied. • The product colors in this brochure may appear slightly different from the actual colors of the products due to photographic conditions and inks used in printing. Company names, product names, and logos contained in this brochure are the trademarks or registered trademarks of their respective owners. The specifications of some products in this brochure are for the Japanese market. No.HC1536IN-082420G IP (Printed in August 2024)



Special Purpose Vehicles **Business**

With the top-class within the country developing the business worldwide.

Special purpose vehicles play an important role in all everyday fields including construction, logistics and labor-saving, and environmental applications. Kyokuto Kaihatsu Kogyo offers an extensive lineup of special purpose vehicles. As a comprehensive manufacturer of special purpose vehicles, the company is contributing to the society. ● Construction sector ● Logistics and labor-saving sector ● Environmental sector

Environmental Equipment and Systems **Business**

Leader of the environmental plant industry with professional engineering team

Since delivering Japan's first bulky waste treatment facility in 1972, Kyokuto Kaihatsu Kogyo has been engaged in the construction of a variety of environmental plants, primarily recycling facilities, for over 50 years. The company boasts some of the best track records in the industry, and its engineers, trained through numerous projects, are also active in new biomass related fields.

Parking Business

Infrastructure improvement that is closely linked to our daily lives to explore the effective use of land.

From the customer's point of view, Kyokuto Kaihatsu Kogyo supports the infrastructure that is closely linked to our daily lives, such as toll parking and multistory parking equipment that allow the effective use of land.



Kyokuto Kaihatsu Kogyo Co., Ltd.

OHeadquarters	2-5-11 Awajima Osaka 541-85 TEL +81-6-620 www.kyokuto.c
Established	June 1, 1955
Ocapital	11,899,867,40 (as of March 3
Number of employees	Consolidated 3 non-consolidat (as of March 3
ODescription of I	Business

Special Purpose Vehicles Business

Manufacture, sale, and ma purpose vehicles	aintenan
Main products	
Dump trucks	 Refus
 Concrete pumps 	 Conta
 Concrete mixer trucks 	 Traile
 Sprinkler trucks 	Wing
 Tank trucks 	Van b
 Pneumatic bulk carriers 	Fores
 Tailgate lifters 	 Railw
 Single car carrier trucks 	

ental Equ

Sales, engineering, operation, and maintenance of environmental plants. Sales and maintenance of plant equipment, etc.

Main products	• • • • • • • • • • • • • • • • • •
 Recycling facilities 	 Pulv
 Waste transfer stations 	redu
 Biogas plants 	 Sort
 Biomass related equipment 	

Manufacture, sale, and maintenance of multistory parking equipment, as well as management of parking lots (toll parking). Main products

 Multistory parking 	• D
equipment	a
 Toll parking 	

nachi, Chuo-Ku 519, JAPAN 05-7800 com

00 JPY 31, 2024) 3,237; ted 1,133 31, 2024)

nce of special

use trucks tainer carrier trucks lers bodies bodies estry related vehicles way vehicle

ent and Systems Busine

verizing and volume uction equipment ting equipment

Drum-type waste storage nd discharge equipme



[Management Philosophy]

Value technology and trust, make concerted efforts to develop the company, and widely contribute to the society.

Kyokuto Kaihatsu Kogyo has contributed to creating the social foundation through a wide variety of business such as manufacturing and sales of special purpose vehicles, environment, parking, etc. based on the business philosophy, "Value technology and trust, make concreted efforts to develop the company, and widely contribute to the society" since the company was founded in 1955.

In order to actualize the business philosophy and spirits since company was founded, we established the company principles, "Trust, Reliability, Harmony", as the guiding principles for our employees. For over 60 years, we have gained "Trust" and been the company that is chosen by the stakeholders, because we continue manufacturing a variety of products that contributes to the society. Another factor to support the high quality of these products is "Reliability" in production and technology performance that we have nurtured for a long time. Furthermore, in order for our customers to utilize our products safely and comfortably, we value the sales and service performance to be the bridge of "Harmony" between the customers and society. These three pillars are the significant strength of Kyokuto Kaihatsu Kogyo.

Company Principles

The history we accumulated to provide the products that contribute to the society and its development is the evidence of trust of Kyokuto Kaihatsu Kogyo that cannot be established overnight.

HISTORY

June	1955	Kyokuto Kaihatsu Kikai Kogyo Co.,Ltd. was established in Tsu Manufacture and sale of special purpose vehicles were starte
August	1964	A tailgate lifter was developed.
Мау	1966	Technology partnership was established with Inter Consultant Technology partnership was established with Challenge Cook E
June	1966	The first concrete pump was completed.
February	1967	The first pneumatic bulk carrier was completed.
September	1970	The first pulverizer was delivered to a customer.
August	1972	A refuse truck was developed.
December	1989	The company was listed on the Second Section of the Osaka
April	1990	The company entered the multistory parking equipment indus
November	1992	The company was listed on the Second Section of the Tokyo
September	1995	The company was designated up-listing on the First Section of
October	1998	An underfloor retractable tailgate lifter was developed.
February	2001	ISO14001 was obtained.
August	2002	Kyokuto Specilal Automobiles Trading (Shanghai) Co., Ltd. wa
August	2003	Kyokuto Kaihatsu (Kunshan) Machinery Co., Ltd. was establis
April	2007	NIPPON TREX Co., Ltd. became a subsidiary.
March	2008	By the joint development with NIPPON TREX Co.,Ltd. the first
January	2010	An electric refuse truck was developed.
October	2010	A joint-venture company, MITHRA KYOKUTO SPECIAL PUR production in October 2012).
September	2012	A joint-venture company, PT. KYOKUTO INDOMOBIL MANUE (Started production in February 2014).
November	2012	A joint-venture company, PT. KYOKUTO INDOMOBIL DISTR
March	2013	Start of mega solar power business.
May	2014	A joint-venture company TREX HAIRUNG CO., LTD. was esta
May	2015	Technology partnership was established with CORNES & CO
November	2016	Mori Plant Co., Ltd. became a subsidiary.
January	2018	New powergate center in Nagoya Plant was established.
May	2018	Hokuriku Heavy Industries, Ltd. became a subsidiary.
July	2019	Transferred Kyokuto Kaihatsu Kogyo Group's stock of TREX
April	2020	Affiliate companies F.E.Tech Co.,Ltd. and FE-ONE Co.,Ltd. w
September	2020	SATRAC ENGINEERING PRIVATE LIMITED of India became
February	2023	Headquarters moved to Awajimachi, Chuo-ku, Osaka.





surumi-ku, Yokohama, with the capital of 2.5 million yen. ted

nt Company in Sweden to develop the "spherical pneumatic bulk carrier." Brothers Company in the US to develop the "squeeze type concrete pump."

- a Stock Exchange.
- ustry.
- Stock Exchange
- of the Tokyo and Osaka Stock Exchange.

vas established. ished. (Started production in April 2005)

- rst "20 kL aluminum tank semi-trailer" was completed.
- RPOSE VEHICLE CO., PVT.LTD. was established in India (Started
- UFACTURING INDONESIA (manufacture) was established in Indonesia
- RIBUTOR INDONESIA (sales) was established in Indonesia.
- stablished in Thailand. (Started production in October 2015) OMPANY LIMITED to develop "bio-gas plants".

THAI RUNG CO., LTD. to THAI RUNG UNION CAR CO., LTD. were merged to establish FE-AUTO Co.,Ltd. ne a subsidiary.

Company Principles (2)

A definite quality production to meet the wide variety of social needs. The power to grasp the flow of market and future needs, technology to create new products, and production to manufacture superior products can implement the principle. The unique manufacturing know-how and the latest facility makes it possible to provide high quality products to the customers promptly.

TECHNOLOGY

Our capable staff selects research and development themes based on the customers' needs, the market, and the times. They examine themes from various perspectives, including design, sales, production, and service, to finalize their development theme. Kyokuto Kaihatsu Kogyo actively researches the latest technology (CASE*, etc.) and develops unique high-value-added products, such as data sharing services for special purpose vehicles and safety support systems utilizing AI. We support our customers' diverse needs with our advanced technological capabilities. *Connected / Autonomous / Shared&Service / Electric









Tailgate lifter load test



Operation test of the boom of a concrete pump

PRODUCTION

Today, the diversified needs accelerate more and more, and efficient production and detailed handling on a wide variety of types of products are required to implement the needs. By using the automatic welding robot equipped with the laser operated measurement and detection functions, we provide high quality products to the customers promptly by making products through using the latest factory facility such as the automatic welding robot for a dump truck body that improves production performance while conducting the high precision welding on the inside and outside of a dump truck body.



Automatic welding robot for dump truck body



Trunnion processor

Laser cutting machine





Five-sided machining equipment



Company Principles 3 HARNONY

To deliver new product information and technology information to our customers and recognize the feedback of the on-site customers to our products play the important role in the forefront sales activity and service activity. Our enthusiastic sales and fine services make trust relationship with the customers very solid, leading to establishment of harmonious relationship.

SALES AND AFTER-SALES SERVICE

To enable close communication with our customers so that we can deliver products meeting their needs and to ensure that delivered products can exhibit optimal performance at all times within severe operation environments, we created approximately 440 sites nationwide, establishing an advanced sales and service network.



Field service







Parts replacement

05

Paint shop





Meeting with the technical engineer



Service centers

(2023 FY)

6.0%

Environmental Equipment

and Systems

10.7%

seament

COMPANY PERFORMANCE **INFORMATION**



The country's economic outlook has been uncertain in recent years due to the effects of the COVID-19 pandemic and social instabilities around the world. In such an environment, Kyokuto Kaihatsu Kogyo's company activities are steadily increasing according to the company's business philosophy and principle, "Contribution to society".

Sales and Operating Profit (Consolidated)





Number of Annual Production (Consolidated)



Share per Domestic Product (2023 FY)



Based on the current performance, the medium and long-term management plans are determined. We clearly present the vision for the future aiming for steady growth as the whole group.

Long-Term Management Vision - Kyokuto Kaihatsu 2030 -

Kyokuto Kaihatsu Kogyo's long-term management vision was formulated to clarify what we aim to achieve from a long-term perspective, based on the spirit of technology, trust, and cooperation that has been carefully cultivated since the company's founding. In light of the business environment surrounding the Group, these goals will allow the Group to take advantage of the "opportunities" presented by the expected resolution of various social issues and dramatic changes in social structures, such as the technological developments needed to solve such issues. This long-term management vision- Kyokuto Kaihatsu 2030 -sets the year 2030 as a milestone as we work toward becoming a global comprehensive infrastructure manufacturer that leads its industry and contributes to the realization and development of a sustainable society through our outstanding technology and solid quality.

A global comprehensive infrastructure manufactu that leads its industry and contributes to the realization and development of a sustainable soci

Medium-term management plan 2022–24 ~ Creating The Future As One~

Basic Policy

With the aim of becoming a Kyokuto Kaihatsu Group that realizes continuous improvement of corporate values through "contribution to realization and development of a sustainable society" and "sustainable growth," the company will work on following four basic policies.

1. Contribution to solving social issues and pursuit of value provision

By providing products and services that are truly required by society in a timely manner, while contributing to the enhancement and sophistication of social infrastructure, we will continue to face and help resolve global social issues including SDGs sincerely.

2. Improving productivity and strengthening income structure

We will improve income margins and create new revenue sources by strengthening synergies of all business functions in our group such as sales/services, development/production, as well as maximizing investment effects, and expanding our overseas businesses aggressively.

3. Building a strong business foundation that supports sustainable growth and reform

While working to achieve working style reform, business improvement, human resource development, and safety assurance, we will promote our own reform and challenges, and create human resources and organizations that can flexibly respond to changes in the environment.

4. Optimal distribution of cash flow aimed at improving corporate value

The cash flow earned through our businesses will be used for more strategic investment and dividends to accelerate growth cycles, considering the optimal balance between growth and returns.

urer	KY	OKUTO
iety.	Outstanding technology	Solid quality

(Planned period: April 1, 2022 to March 31, 2025)

SPECIAL PURPOSE VEHICLES



CONSTRUCTION SECTOR

We manufacture and provide construction vehicles with best performance even in severe working environment in order to make the foundation of urban development for the present society to grow on.





SPRINKLER TRUCKS

Highway sprinkler truck



Kyokuto Kaihatsu Kogyo Co., Ltd. Company Profile



SPECIAL PURPOSE VEHICLES



LOGISTICS AND LABOR-SAVING SECTOR

We manufacture and provide logistics trucks and labor-saving related equipment that hold the logistics foundation through support of safe and efficient transportation of loads such as liquids, powders, packages, etc.





Air-sliding type





Underfloor retractable type



Vertical type





Kyokuto Kaihatsu Kogyo Co.,Ltd. Company Profile



Gate type





Large size model Container (25m3)





SPECIAL PURPOSE VEHICLES

ENVIRONMENTAL SECTOR

We manufacture and provide environmental related vehicles that support the environmental foundation essential to actualize the sustainable society through separate collection of waste, recycle of resources, etc.

10-12ton payload press type



CONTAINER CARRIER TRUCKS

REFUSE DUMP TRUCKS

Hook lift 4ton payload







OTHER SECTOR

We provide the products that are used in other sectors such as fire-fighting related, forestry related areas, etc. Our affiliated companies also contribute to society. NIPPON TREX CO., LTD. contributes by manufacturing and providing the wing body and trailers and HOKURIKU HEAVY INDUSTRIES, LTD. contributes by manufacturing and providing locomotives, maintenance vehicles, and similar special purpose vehicles for railways.



Wing body

Kyokuto Kaihatsu Kogyo Co., Ltd. Company Profile

ENVIRONMENTAL EQUIPMENT AND SYSTEMS



We are engaged in the construction and operation of recycling facilities that contribute to the proper treatment of waste and resource circulation. In terms of construction planning, we support our customers in various phases of engineering, from basic to detailed design, procurement and construction work, as well as operation and maintenance after the facility is up and running.

Business development in recycling facilities

We not only sell environmental equipment but also propose and construct plants for realizing ideal operational environment, maintain, check and develop them and perform daily operation and control.



We make an appropriate management system to ensure stable operation of each facility. We place the utmost emphasis on safety measures, and aim for zero accidents and zero disasters through safety education and patrols.

Pulverizers

Our pulverizer is suitable for a wide range of waste, from bulky and non-burnable waste to organic waste. It is durable, safe and energyefficient and has been used in recycling facilities across the country for over 50 years.



Kyokuto compacting systems

The waste compression system we provide is ideal for waste transfer stations. It improves loading efficiency through its pre-compressing function before placing waste into containers. It also enables economical long-distance transportation in the wide-area waste treatment plan.



comprehensive plans from long term maintenance to

daily inspections and fully execute them.

Achievement map

We provide recycling facilities and environmental plant equipment throughout the country, from Hokkaido to Okinawa Prefecture.



*We have delivered products to more than 210 facilities across Japan. (As of March 31, 2024, including delivery of pulverizers only)



Recycling related facilities

Our company's main achievements in recycling related facilities include "recycle centers," "bulky waste treatment facilities," "non-burnable waste recovery facilities," and "waste transfer stations," etc., which contribute to resource circulation and proper treatment of municipal waste.





Recycle centers

Non-burnable waste recovery facilities

Biomass related business

This is a business that converts waste biomass into usable energy. The "biogas plant" recovers biogas from sludge-like waste such as livestock manure and food waste, and uses it to generate heat and electricity. The "briquetting machine" and "wood-chip drying container system" are facilities that process and dry unused wood biomass to turn it into fuel, and the "wood biomass boiler unit" is a facility that uses biomass fuel for heat generation.





Biogas plants

Briquetting machine

Kyokuto Kaihatsu Kogyo Co.,Ltd. Company Profile



Bulky waste treatment facilities



Waste transfer stations



Wood-chip drying container system

Wood biomass boiler unit

CAR PARKING SYSTEMS



Multistory parking equipment and toll parking in the scenes of changing lives. We offer total plans to deal with various parking related problems to promote creation of livable towns. Kyokuto Kaihatsu Kogyo is active in the infrastructure development that is familiar with people's lives, such as drum-type waste storage and discharge equipment that manages waste from condominiums hygienically.

Mechanical multistory parking equipment

We offer highly efficient parking equipment that effectively utilizes the limited land spaces and allows the users to park and retrieve their cars freely. A wide selection of equipment is available based on the shape of the land and installation space. We are also actively expanding our renewal business for optimizing sizes and volumes of accommodating vehicles and replacing the equipment.



Pit type 3-stage lifting type parking equipment



Mechanical multistory parking equipment



Mechanical multistory parking equipment



Mechanical multistory parking equipment

Toll parking

Toll parking has attracted attention as an ideal use of land. We offer comprehensive support for the operation of parking lots and help to improve our living environment together with the local communities.



Toll parking

Drum-type waste storage and discharge equipment

Drum-type waste storage and discharge equipment allows the disposal of waste at any time and the sanitary waste storage without scattering of waste or causing odor. Discharging only requires the pressing of buttons, and loading onto a refuse truck is easy.



Kyokuto Kaihatsu Kogyo Co.,Ltd. Company Profile



Five-stories toll parking



Drum-type waste storage and discharge equipment

OVERSEAS EXPANSION





Plant in China Occupies : 83,140m² KYOKUTO KAIHATSU (KUNSHAN) MACHINERY CO., LTD.

Kunshan Plant in China, which was established in 2003 as the Kyokuto Kaihatsu Group's first overseas production base, has contributed to improving the infrastructure in Asian

countries through the manufacture and sale of concrete mixer trucks. It also plays an essential role as a base for supplying parts to our plants in Japan and our group companies.



Plant in India Occupies : 24,292m² SATRAC ENGINEERING PRIVATE LIMITED

SATRAC, a manufacturer and supplier of dump trucks, various trailers, and tank trucks, was established in 1997 during India's rapid growth phase. Kyokuto Kaihatsu Group made SATRAC a subsidiary in 2020. SATRAC has gained trust from customers in India and has grown with its high quality, technological capabilities, and strong service

network. SATRAC will contribute to the development of India by expanding business in the country while utilizing the business and technology platform that the Kyokuto Kaihatsu Group has established through years of business.



Plant in Indonesia Occupies : 20,028m² PT. KYOKUTO INDOMOBIL MANUFACTURING INDONESIA

PT. KYOKUTO INDOMOBIL MANUFACTURING INDONESIA was established in 2012 as a joint venture with the INDOMOBIL Group, a local Indonesian company. We produce special purpose vehicles related to transportation and construction for which a huge demand is expected from activities such as coal transport and infrastructure improvement in Indonesia. By taking advantage of the broad on-site sales network of the INDOMOBIL Group, we will contribute to the development of Indonesia by

providing dump trucks, concrete mixer trucks, tailgate lifters, and mechanical multistory parking equipment.



* Overseas sales agent



Concrete mixer truck





Tailgate lifter





This product is offered by Kyokuto Kaihatsu Parking Co.,Ltd. (an affiliated company)



NETWORK

Headquarters /Tokyo Office/ Plants

Headquarters	2-5-11 Awajimachi, Chuo-Ku, Osaka 541-8519 Tel. +81-6-6205-7800	Nagoya Plar
Tokyo Office (Overseas Sales Department)	3-15-10 Higashi-shinagawa, Shinagawa-ku, Tokyo 140-0002 Tel. +81-3-5781-9828	Miki Plant
Yokohama Plant	4-1-62 Fukaminishi, Yamato, Kanagawa 242-0018 Tel. +81-46-263-2211	Fukuoka Pla

/a Plant	1375 Aza Matsumoto, Oaza Higashitanaka, Komaki, Aichi 485-0826 Tel. +81-568-71-2211
Plant	Miki Industrial Park, 2 Tomoe, Bessho-cho, Miki, Hyogo 673-0443 Tel. +81-794-82-1121
oka Plant	428 lgisu, lizuka, Fukuoka 820-0053 Tel. +81-948-23-0880

Overseas

Plant

KYOKUTO KAIHATSU(KUNSHAN)MACHINREY CO.,LTD. 288 Dujuan Road, Kunshan Development Zone, Jiangsu, China Tel. +86-512-5772-0788

SATRAC ENGINEERING PRIVATE LIMITED No .127 , Somapura Industrial Area, Dabaspet 3rd Phase, Nidavanda Village, Nelamangala, Bangalore - 562132, India Tel. +91-73-383-34567

PT. KYOKUTO INDOMOBIL MANUFACTURING INDONESIA Kawasan Industri Kota Bukit Indah Block D III No.1, Purwakarta 41181 Jawa Barat, Indonesia Tel. +62-264-350-545 Purchase,Trading KYOKUTO SPECIAL AUTOMOBILS TRADING(SHANGHAI)CO.,LTD. 1F, Building No.3, No.66, Lizhi Road, Pudong New Area, Shanghai, China Tel. +86-21-5868-2571

Sales, After sales service KYOKUTO KAIHATSU(KUNSHAN)MACHINERY CO.,LTD. (Sales department) 288 Dujuan Road, Kunshan Development Zone, Jiangsu, China Tel. +86-512-5772-0788

> PT. KYOKUTO INDOMOBIL DISTRIBUTOR INDONESIA 7th Floor, Indomobil Tower, Jl. MT Haryono Kav 11, Jakarta 13330, Indonesia Tel. +62-218-591-8441

KYOKUTO AUSTRALIA PTY LTD 11 Enterprise St, Caloundra West Qld 4551 Tel. +61-7-5491-5480



KYOKUTO KAIHATSU(KUNSHAN)MACHINERY CO.,LTD. Occupies : 83,140m²



PT. KYOKUTO INDOMOBIL MANUFACTURING INDONESIA Occupies : 20,028m²



SATRAC ENGINEERING PRIVATE LIMITED Occupies : 24,292m²

Affiliate companies

Special purpose vehicles

FE-AUTO Co.,Ltd. Lines of business : Repairs and parts sales for special purpose vehicles Sales of used trucks

Shinko Automobile Co.,Ltd. Lines of business : Manufacture, sales, repair and part supply of special purpose vehicles

NIPPON TREX Co.,Ltd. Lines of business : Manufacture, sales, repair and part supply of special purpose vehicles

Hokuriku Heavy Industries, Ltd. Lines of business : Manufacture, sales, repair and part supply of railway vehicles and special purpose vehicles.

KYOKUTO SPECIAL AUTOMOBILES TRADING(SHANGHAI)CO.,LTD. Lines of business : Parts purchasing for special purpose vehicles

KYOKUTO KAIHATSU(KUNSHAN)MACHINERY CO.,LTD. Lines of business : Manufacture, sales, repair and part supply of special purpose vehicles

SATRAC ENGINEERING PRIVATE LIMITED Lines of business : Manufacture and sales of special purpose vehicles

PT. KYOKUTO INDOMOBIL MANUFACTURING INDONESIA Line of business : Manufacture of special purpose vehicles

PT. KYOKUTO INDOMOBIL DISTRIBUTOR INDONESIA Line of business : Sales of special purpose vehicles

KYOKUTO AUSTRALIA PTY LTD Lines of business : Body installation, sales, repair, and part supply of special purpose vehicles

Environmental equipment and systems

Kyokuto Service Engineering Hokkaido Co.,Ltd. Lines of business : Repairs and operations for environmental equipment and facilities

Kyokuto Service Engineering Co.,Ltd.

Lines of business : Repairs and operations for environmental equipment and facilities

Mori Plant Co.,Ltd.

Lines of business : Design, construction and maintenance of plants

Parking, etc.

Kyokuto Kaihatsu Parking Co., Ltd.

Lines of business : Manufacture, sales and repairs of multistory parking equipment and management of car parking

F.E.E.Co.,Ltd.

Lines of business : Non-life insurance agency