

Corporate Profile 2024
TOYOTA INDUSTRIES CORPORATION



Guided by a strong ambition to "contribute to society and the world through *monozukuri* (manufacturing)," Toyota Industries founder Sakichi Toyoda embraced the spirit of "being studious and creative" and made various inventions, including the non-stop shuttle-change Toyoda Automatic Loom, Type G. The spirit of Sakichi Toyoda was encapsulated in the Toyoda Precepts, formulated in 1935.

The Toyoda Precepts became the heart and soul of managers and employees alike, serving as the corporate creed and management philosophy of all Toyoda companies. The principles behind the Toyoda Precepts live on today in our Basic Philosophy.

## **Toyoda Precepts**

- Always be faithful to your duties, thereby contributing to the Company and to the overall good.
- Always be studious and creative, striving to stay ahead of the times.
- Always be practical and avoid frivolousness.
- Always strive to build a homelike atmosphere at work that is warm and friendly.
- Always have respect for spiritual matters, and remember to be grateful at all times.



Founder Sakichi Toyoda

# **Basic Philosophy**

#### Respect for the Law

Toyota Industries is determined to comply with the letter and spirit of the law, in and outside of Japan, and to be fair and transparent in all its dealings.

#### **Respect for Others**

Toyota Industries is respectful of the people, culture, and traditions of each region and country in which it operates. It also works to promote economic growth and prosperity in those regions and countries.

#### **Respect for the Natural Environment**

Through its corporate activities, Toyota Industries works to contribute to regional living conditions and social prosperity and also strives to offer products and services that are clean, safe, and of high quality.

#### **Respect for Customers**

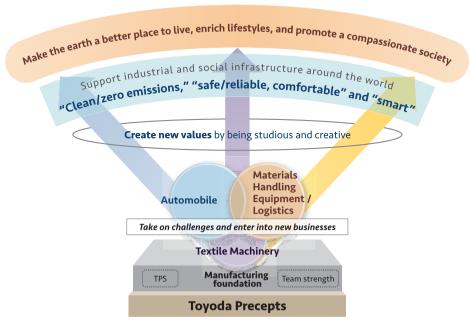
Toyota Industries conducts intensive product research and forward-looking development activities to create new value for its customers.

#### **Respect for Employees**

Toyota Industries nurtures the inventiveness and other abilities of its employees. It seeks to create a climate of cooperation, so that employees and the Company can realize their full potential.

#### Vision 2030

Contribute to making the earth a better place to live, enrich lifestyles, and promote a compassionate society by supporting industrial and social infrastructure around the world through the continuous supply of products/services that anticipate customers' needs.



# Realization of a Sustainable Society

# **Resolving Social Issues through Our Business**

To realize our Vision 2030 to "contribute to making the earth a better place to live, enrich lifestyles, and promote a compassionate society," we have clarified the social issues (CSR material issues) we should tackle and our targets in order to continue to take on challenges.



# Clean/Zero Emissions











Mitigating global warming and achieving a circular economy through such initiatives as reducing CO2 emissions and waste in our business activities and expanding the lineup of environmentally friendly products in our efforts to contribute to maintaining and improving the global environment over the long run.

Targets (FY2031)

CO<sub>2</sub> emission reduction rate (from fiscal 2014 level)

# Creation of Innovative Value, Smart







Contributing to achieving a "smart" society and more enriched lifestyles by resolving social issues through technological advancement and innovation that create new value.

Targets (FY2031)

Ratio of R&D expenses for electrification and automation

# Safe/Reliable, Comfortable







Contributing to creating a compassionate society by offering products and services that anticipate the needs of customers and various stakeholders and that are safe, reliable and comfortable to use while fulfilling our responsibilities as a member of society to thrive together.

Targets (FY2031)

Ratio of electrification-related products to net sales



# Business Overview

# **Three World-Leading Business Fields**

Toyota Industries is expanding globally with the founding Textile Machinery Business as its base and the Automobile and Materials Handling Equipment/Logistics Solution Businesses as its two pillars. Using our resources and strengths as the foundation, we strive for growth in each of our businesses. At the same time, we aim to enhance our competitiveness by leveraging synergies among these businesses.

# Materials Handling Equipment

As a market leader with an extensive knowledge of global logistics needs, Toyota Industries provides a range of materials handling equipment, mainly lift trucks, and logistics solutions to customers.

# **Textile Machinery**

Since its founding, Toyota Industries' Textile Machinery Business has developed, manufactured, and marketed textile machinery, the majority of which has been supplied to customers outside Japan.



# **Automobile**

In the fields ranging from vehicles to engines, car air-conditioning compressors, electronic devices and batteries, Toyota Industries continues to meet the expectations and trust of its customers.



#### **Business Outline**

## Lift Trucks

Toyota Industries plans, develops, produces, sells and provides after-sales services for industrial vehicles centered around lift trucks, which capture the top global market share\*. Together with sales financing and proposals for logistics efficiencies, we strive to meet a variety of customer needs.

\*Survey by Toyota Industries Corporation



# **Logistics Solutions**

Toyota Industries works closely with Bastian Solutions LLC, Vanderlande Industries Holding B.V. and viastore Intralogistics Holding GmbH by leveraging each company's strengths to helping to resolve logistics automation and other logistics issues through a combination of various logistics equipment and systems.





# Manufacturing Sites, Distribution Centers, etc.

We provide advanced logistics solutions that address issues surrounding logistics, such as carbon neutrality, and automation needs against a backdrop of labor shortage and increased distribution.





TOYOTA Electric Counterbalanced Lift Truck



TOYOTA Fuel Cell Lift Truck



TOYOTA Internal Combustion Counterbalanced Lift Truck



Raymond Order Picking Truck 5000 Series



Bastian Automated Guided Forklift CB18



TOYOTA Simple AGV KEY CART



TOYOTA Automated Storage and Retrieval System for Pallet Rack Sorter P



VANDERLANDE Shuttle-Based Automated Storage and Retrieval System ADAPTO



VANDERLANDE Hanging Type High-Speed Sorting System Pocket Sorter



AICHI Truck-Mounted Aerial Work Platform SKYMASTER

















# Seaport

Large-scale cargo handling equipment used at seaports, such as large lift trucks and AGV systems that handle overseas containers, support seaport logistics.



TOYOTA Container Transport AGV System



TOYOTA Internal Combustion Large Counterbalanced Lift Truck



# **Airport**

Toyota Industries Group's technology contributes to the smooth operation of airports around the world in various aspects such as check-in, conveying, storing, and sorting, from the moment baggage or cargo is checked in, loaded onto aircraft, and received at their destination.



VANDERLANDE Shuttle-Based Automated Bag Storage System ADAPTO BAGSTORE



TOYOTA Electric Tow Tractor

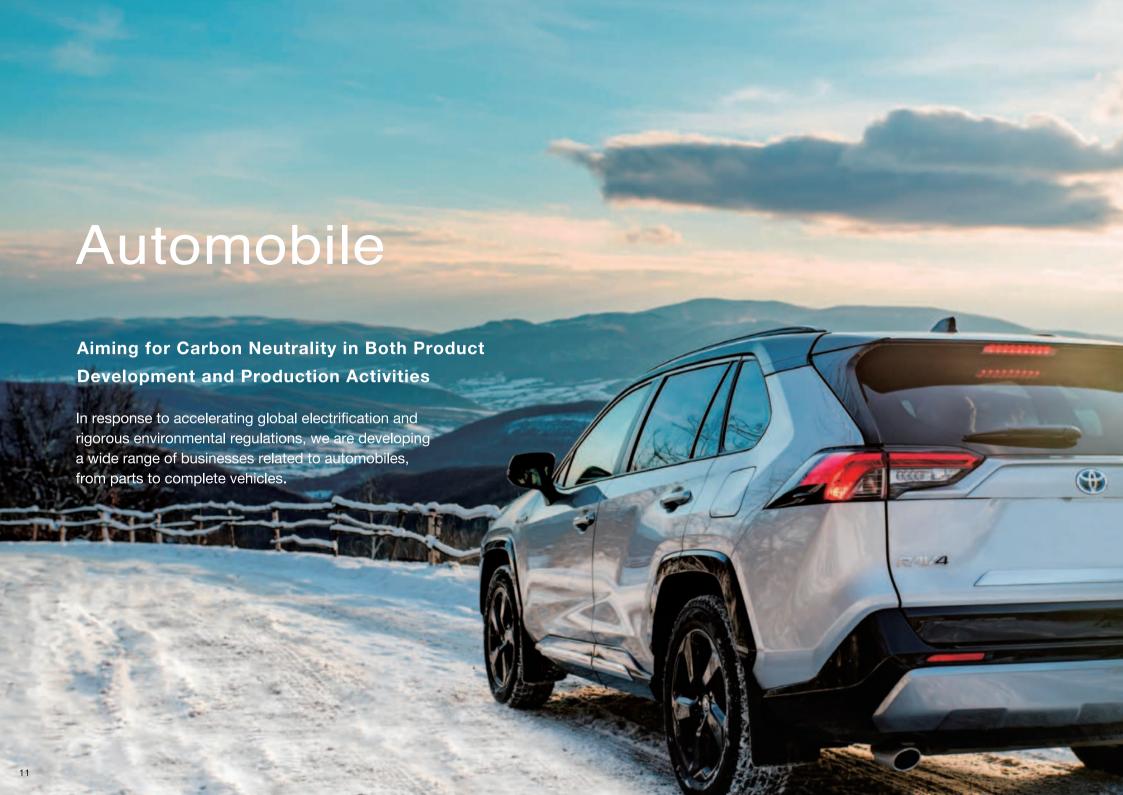


VANDERLANDE
Automated Screening Lane
PAX CHECKPOINT



VANDERLANDE Advanced Baggage Handling Solution FLEET





#### **Business Outline**

#### **Vehicles**

We are in charge of production and development of the Toyota RAV4, which is highly popular in Japan and overseas. In development, we are taking part in design and engineering and are working to create attractive cars.



RAV4

## **Engines**

We develop and manufacture clean diesel engines that strike a balance between power performance and environmental performance, and turbochargers that play a significant role in the enhancement of engine performance. Toyota vehicles sold all around the world are equipped with these engines.



Diesel Engine 1GD-FTV

# Car Air-Conditioning Compressors

Toyota Industries' car air-conditioning compressors are highly acclaimed in terms of their reliability at high operating speeds and quiet operation in addition to such excellent environmental performance features as compactness, light weight and fuel efficiency. The Car Air-Conditioning Compressor Business captures the world-leading market share in unit sales\*.

\*Survey by Toyota Industries Corporation



Electric Compressor ESBG27

# Electronic Equipment and Batteries

We play a role in the electrification of automobiles by developing and producing electronic components for hybrid electric vehicles (HEVs), battery electric vehicles (BEVs), and other electrified vehicles, as well as on-board batteries.



Integrated On-Board Charger and DC-DC Converter Unit



Toyota Industries develops and manufactures automobiles and automobile-related products, such as vehicles, engines, car air-conditioning compressors, car electronics components and devices, and stamping dies.

# **Vehicles**



RAV4

# **Batteries**



Bipolar Nickel-Metal Hydride Battery for Hybrid Electric Vehicles

# **Engines**

• Diesel Engines for Automobiles



1GD-FTV Displacement: 2.8 liters used in the Land Cruiser 250 and Hiace



F33A-FTV
Displacement: 3.3 liters
used in the Land Cruiser 300

#### • Gasoline Engines for Automobiles



M20A-FKS
Displacement: 2.0 liters
used in the RAV4 and HARRIER



A25A-FKS Displacement: 2.5 liters used in the RAV4

#### Gas / Gasoline Engines for Industrial Equipment



4Y Displacement: 2.2 liters used in lift trucks, and gas heat pumps



1FS Displacement: 3.7 liters used in lift trucks

Turbochargers



Variable Geometry
Turbocharger for the
GD Diesel Engine



# **Electronic Equipment**



Integrated On-Board Charger and DC-DC Converter Unit



DC-DC Converter

# **Stamping Dies**



Hood Outer Trim Die for Automobiles



On-Board Charger



1500W DC-AC Inverter

# **Car Air-Conditioning Compressors**

● For HEVs / BEVs



ESB20 Scroll Type



ESBG27 Scroll Type



ESH34/41 Scroll Type

#### Belt Drive



10SRE13 Swash-Plate, Fixed-Displacement Type



7SES17 Swash-Plate, Externally Controlled, Variable Displacement, Clutchless Type

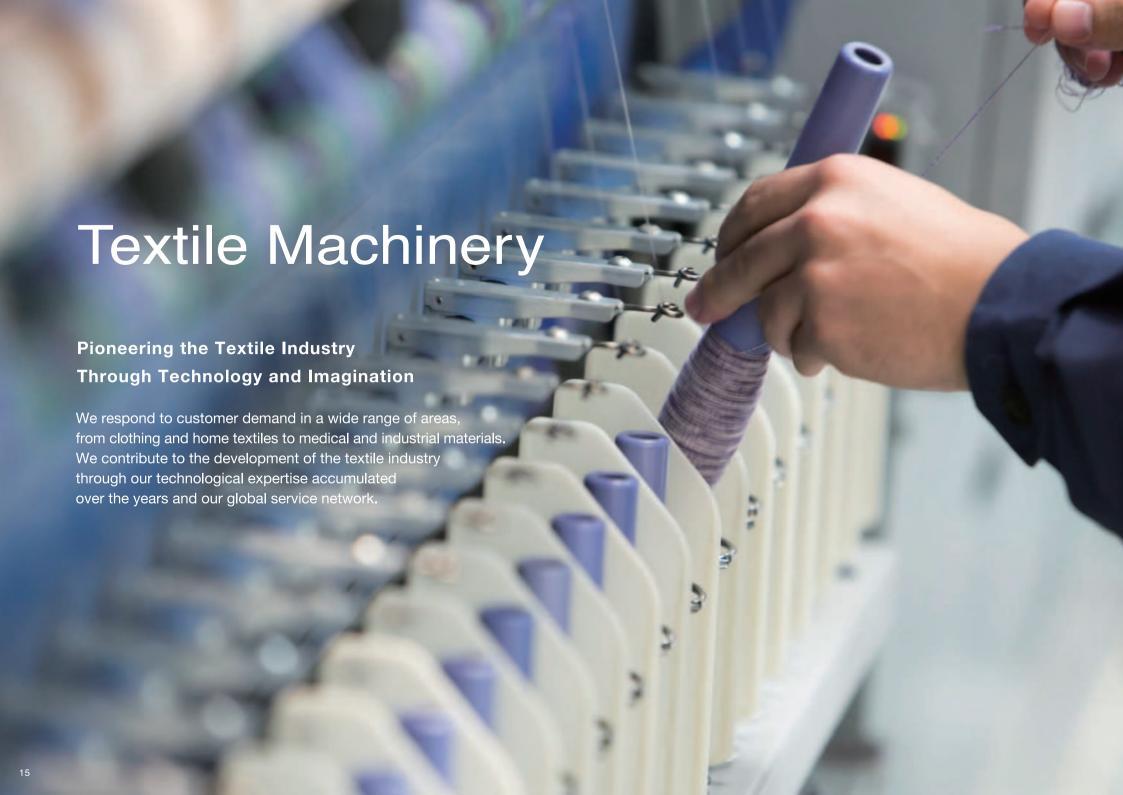
# For Fuel Cell Electric Vehicles



Hydrogen Circulation Pump used in the Mirai



Air Compressor used in the Mirai





### **Business Outline**

### **Weaving Machinery**

We provide high-speed/low-vibration technology, superior weaving capabilities, and environmental performance features, which have been received well by our customers. Toyota Factory Management System, which uses IoT technology, contributes to improving the productivity of weaving factories.



With world-class versatility and reliability, our products receive high praise around the world for their ability to meet the various needs of customers, including environmental friendliness.

# **Quality Monitoring Solutions**



USTER quality is the global standard for textile quality, from raw cotton to yarn and fabric.



Air Jet Loom JAT910









USTER® JOSSI VISION SHIELD Raw Cotton Contaminant Detection and Elimination System



USTER® TESTER 6
The Yarn Inspection System



USTER® QUANTUM 4.0 The Yarn Quality Assurance System



USTER® EVS FABRIQ VISION USTER® EVS FABRIQ SHADE Fabric Inspection

# History

1906

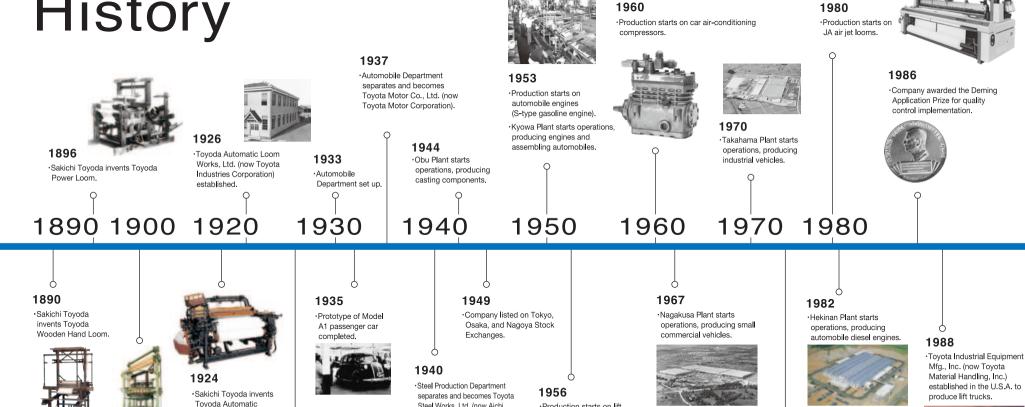
Loom.

·Sakichi Tovoda invents Circular Loom, Type G.

1929

·Production starts on

spinning frames.



·Production starts on lift

·Production starts on electric

1978

·Production starts on the Toyota Starlet.

lift trucks.

Steel Works, Ltd. (now Aichi

Steel Corporation).

#### 2000 1994 2017 ·Company acquires BT Industries AB (now ·Tovota Industry (Kunshan) Co.. Toyota Material Handling Europe AB) of ·Company acquires Bastian Solutions 2004 Ltd. established in China to Sweden, a world-leading manufacturer of LLC of the U.S.A. and Vanderlande produce foundry parts. warehouse trucks ·TD Automotive Compressor Industries Holding B.V. of the Georgia, LLC established in the Netherlands in order to strengthen U.S.A. to produce car materials handling solutions business. 2013 air-conditioning compressors. ·Company acquires Cascade 2002 2022 Corporation of the U.S.A., which 1998 ·Higashiura Plant starts produces and sells attachments ·Ishihama Plant starts ·TD Deutsche ·Higashichita Plant starts operations. operations, producing for industrial equipment. operations, producing Klimakompressor GmbH producing foundry parts. compressor parts. on-board batteries. established in Germany to produce car air-conditioning 1992 compressors ·Production starts 2015 on automated 2007 ·Tovota Industries Engine India storage and Pvt. Ltd. established in India retrieval systems. ·Anjo Plant starts operations, to produce diesel engines. producing electronic equipment. 2020 1990 2000 2010 2012 1995 2001 ·Toyota Industrial ·Company takes over the ·Company acquires Uster Technologies AG, which Equipment, S.A. (now Industrial Equipment 2003 Toyota Material Handling produces and sells yarn Sales Division of Toyota 2016 Manufacturing France Motor Corporation. ·Company acquires Aichi quality measurement and SAS) established in France Corporation. cotton classing instruments. ·Sales begin for fuel-cell ·Production starts on to produce lift trucks. 2021 lift trucks. ·Production starts on ES18 the Toyota RAV4. ·Kirloskar Toyota Textile electric compressors. ·Production starts on 2014 Machinery Pvt. Ltd. automotive batteries. established in India to ·Production starts on air produce textile machinery. compressors and hydrogen 1989 2005 circulating pumps for fuel ·Michigan Automotive cell electric vehicles. ·TD Automotive Compressor ·Company name changed Compressor, Inc. Kunshan Co., Ltd. to Toyota Industries established in the U.S.A. to established in China to Corporation. produce car air-conditioning produce car air-conditioning compressors. compressors.

# Plants and Office in Japan



#### **Kyowa Plant**

Address: Obu-shi, Aichi
Products: Automotive press dies,
production facilities,
on-board batteries



#### **Higashiura Plant**

Address: Higashiura-cho, Chita-gun, Aichi Products: Parts for car air-conditioning

compressors



#### Nagakusa Plant

Address: Obu-shi, Aichi Products: Automobiles



#### Anjo Plant

Address: Anjo-shi, Aichi
Products: Electronic equipment,
fuel cell vehicle components



#### Takahama Plant

Address: Takahama-shi, Aichi Products: Industrial equipment, materials handling systems



#### Ishihama Plant

Address: Higashiura-cho, Chita-gun, Aichi Products: On-board batteries



#### Head Office / Kariya Plant

Address: Kariya-shi, Aichi Products: Textile machinery, car air-conditioning compressors



#### **Hekinan Plant**

Address: Hekinan-shi, Aichi
Products: Engines for automobiles and industrial equipment, turbochargers



#### **Morioka Works**

Address: Higashiura-cho, Chita-gun, Aichi Products: Automotive parts



#### **Obu Plant**

Address: Obu-shi, Aichi
Products: Parts for car air-conditioning
compressors



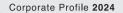
#### **Higashichita Plant**

Address: Handa-shi, Aichi
Products: Foundry parts,
engines for automobiles,
turbochargers



#### **Tokyo Office**

Address: Marunouchi, Chiyoda-ku, Tokyo



# Global Network

# **North America and Latin America**

Materials Handling Equipment	Canada	G.N. Johnston Equipment Co., Ltd. Toyota Industries Commercial Finance Canada, Inc.
	U.S.A.	Toyota Material Handling North America, Inc. Industrial Components and Attachments, Inc. Toyota Material Handling, Inc. The Raymond Corporation Raymond-Muscatine Inc. North Vernon Industry Corp. Indiana Hydraulic Equipment, Corp. Cascade Corporation Bastian Solutions, LLC Toyota Industries Commercial Finance, Inc.
	Brazil	Toyota Material Handling Mercosur Indústria e Comércio de Equipamentos Ltda
	Mexico	Toyota Industries Commercial Lease S.A.P.I. de C.V.

		Toyota Industries Electric Systems North America, Inc.
extile achinery	U.S.A.	Toyota Textile Machinery, Inc.
	Brazil	Toyota Máquinas Têxteis Brasil Ltda

TD Automotive Compressor Georgia, LLC

Tovota Industries Compressor Parts America, Co.

Automobile U.S.A. Michigan Automotive Compressor, Inc.

# Europe

Materials Handling Equipment	Austria	Toyota Material Handling Austria GmbH
	Belgium	Toyota Material Handling Europe Brussels NV/SA Toyota Material Handling Belgium NV/SA
	Czech Republic	Toyota Material Handling CZ s.r.o.
	Denmark	Toyota Material Handling Danmark A/S
	Finland	Toyota Material Handling Finland Oy
	France	Toyota Material Handling Manufacturing France SAS Toyota Material Handling France SAS
	Germany	Toyota Material Handling Deutschland GmbH viastore Intralogistics Holding GmbH
	Greece	Toyota Material Handling Greece SA
	Hungary	Toyota Material Handling Hungary Ltd.
	Italy	Toyota Material Handling Manufacturing Italy S.p.A. Toyota Material Handling Italia S.r.I.
	Latvia	Toyota Material Handling Baltic SIA.
Automobile	Germany	TD Deutsche Klimakompressor GmbH
		Toyota Industries Electric Systems Europe GmbH
Textile Machinery	Switzerland	Uster Technologies AG Toyota Textile Machinery Europe, AG
Others	Sweden	Toyota Industries Finance International AB

Netherlands	Toyota Material Handling Nederland B.V. Vanderlande Industries Holding B.V. T-Hive B.V.
Norway	Toyota Material Handling Norway AS
Poland	Toyota Material Handling Polska Sp. z o.o.
Romania	Toyota Material Handling Romania s.r.l
Slovakia	Toyota Material Handling Slovensko s.r.o.
Spain	Toyota Material Handling España, S.A.
Sweden	Toyota Industries Europe AB Toyota Material Handling Europe AB Toyota Material Handling Manufacturing Sweden AB Toyota Material Handling International AB Toyota Material Handling Sweden AB
Switzerland	Toyota Material Handling Schweiz AG
U.K.	Toyota Material Handling UK Limited



## **Asia and Oceania**

China

Materials

Handling Equipment		Toyota Material Handling (Shanghai) Co., Ltd.
	Taiwan	Tailift Material Handling Taiwan Co., Ltd.
	India	Toyota Material Handling India Pvt. Ltd.
	Thailand	Toyota Material Handling (Thailand) Co., Ltd.
	Vietnam	Toyota Industrial Equipment Vietnam Co., Ltd.
	Australia	Toyota Material Handling Australia Pty Limited
Materials Handling Equipment and Automobile	China	Toyota Industry (Kunshan) Co., Ltd.
Automobile	China	TD Automotive Compressor Kunshan Co., Ltd. Yantai Shougang TD Automotive Compressor Co., Ltd.
	India	Toyota Industries Engine India Pvt. Ltd.
	Indonesia	P.T. TD Automotive Compressor Indonesia

Tailift Machinery & Equipment (Qingdao) Co., Ltd.

Textile Machinery	China	Toyota Textile Machinery (Shanghai) Co., Ltd.
	India	Kirloskar Toyota Textile Machinery Pvt. Ltd.
Others	China	Toyota Industries Management (China) Co., Ltd.

### Japan

Aichi Corporation

Advanced Logistics Solutions Co., Ltd.

Altex Co., Ltd.

IZUMI MACHINE MFG, Co., Ltd.

Iwama Loom Works, Ltd.

SKM Corporation

Sun Staff, Inc.

Sun Vallev Inc.

Sun River Co., Ltd.

Shine's Co., Ltd.

Taikoh Transportation Co., Ltd.

Takeuchi Industrial Equipment Manufacturing Co., Ltd.

TI Mechatechno Corporation

Tokaiseiki Co., Ltd.

Tokyu Co., Ltd.

TOYOTA L&F Akita Co., Ltd.

TOYOTA L&F Kinki Co., Ltd.

TOYOTA L&F Shizuoka Co., Ltd.

TOYOTA L&F Tokyo Co., Ltd.

TOYOTA L&F Hyogo Co., Ltd.

TOYOTA L&F Fukui Co., Ltd.

TOYOTA L&F Fleet Lease Co., Ltd.

Toyota Industries IT Solutions Inc.

Toyota Industries Well Support Corporation

Nagao Kogyo Co., Ltd.

Nishina Industrial Co., Ltd.

Hakuai Nursing Villa Co., Ltd.

Haratechs Corporation

HANDA Casting Company

Miduho Industry Co., Ltd.

UMC Electronics Co., Ltd.

Unica Co., Ltd.



# **Company Overview**

Company Name: Toyota Industries Corporation

Established: November 18, 1926

Head Office: 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671, Japan

Telephone: +81-566-22-2511

President : Koichi Ito

Major Business Fields: Manufacture and sales of textile machinery, materials

handling equipment, automobiles, and automobile parts

Capital: ¥80.4 billion (as of March 31, 2024)

Employees: 77,824 (as of March 31, 2024)

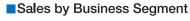
Consolidated Subsidiaries: 277 (Japan: 35 Overseas: 242) (as of March 31, 2024)

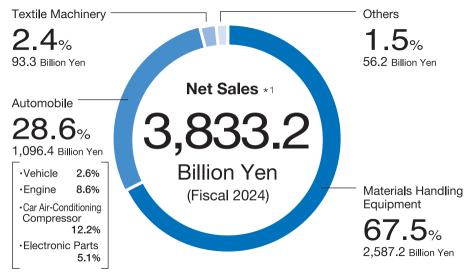
Affiliates Accounted

for by the Equity Method: 18 (Japan: 9 Overseas: 9) (as of March 31, 2024)

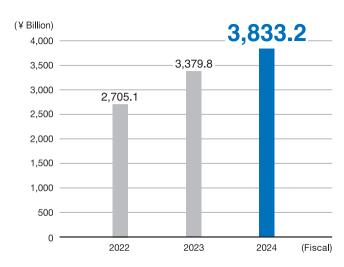
# Summary of Consolidated Financial Results

(Fiscal 2024, ended March 31, 2024)





#### ■Sales



Operating Profit \*1

 $_{*}200.4$  Billion

Depreciation

¥105.7 Billion

Profit before Income Taxes \*1

¥309.1 Billion

**Research and Development Expenses** 

¥128.6 Billion

**Profit** \*1 \*2

¥228.7 Billion

**Cash Dividends Per Share** 

<sub>4</sub>240

**Investments in Tangible Assets** 

¥170.5 Billion

**Total Assets** 

¥11,078.4 Billion



# TOYOTA INDUSTRIES CORPORATION



