TOYOTA INDUSTRIES CORPORATION

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Toyota Industries' official website.
https://www.toyota-industries.com

2024.06

Corporate Profile 2024

TOYOTA INDUSTRIES CORPORATION

Our Philosophy and Vision

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

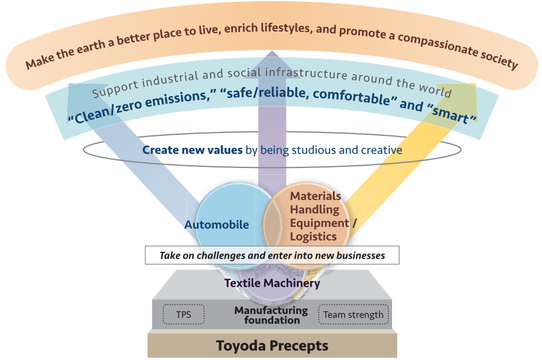
Toyota Industries conducts intensive product research and forward-looking development activities to create new value for its customers.

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 CO_2 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_2 emission reduction rate (from fiscal 2014 level) **50%**

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)

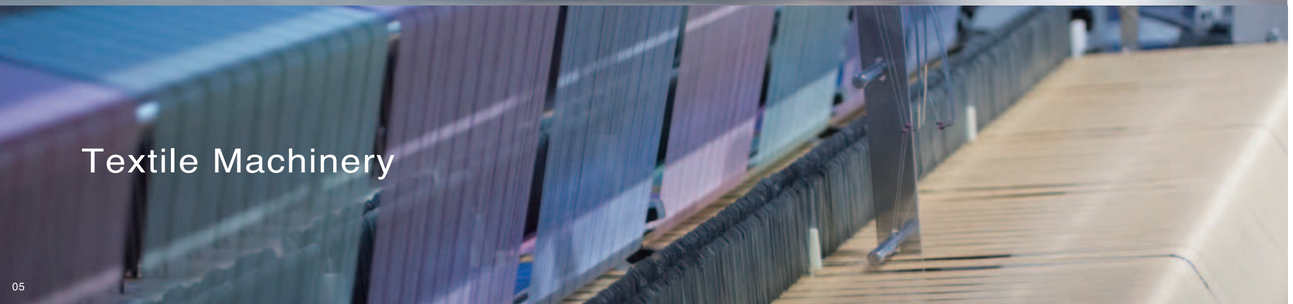
Ratio of R&D expenses for electrification and automation **Over 70%**

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 **Over 70%**



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.

TOYOTA

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.

Materials Handling Equipment

Product Lineup that is Active in Various Logistics Scenes from Production Sites to Daily Life

Through a full range of products and abundant logistics know-how, we offer “optimal” solutions that meet the various on-site needs of customers and contribute to the greater efficiency of logistics.

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.

Products

Link to product details

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

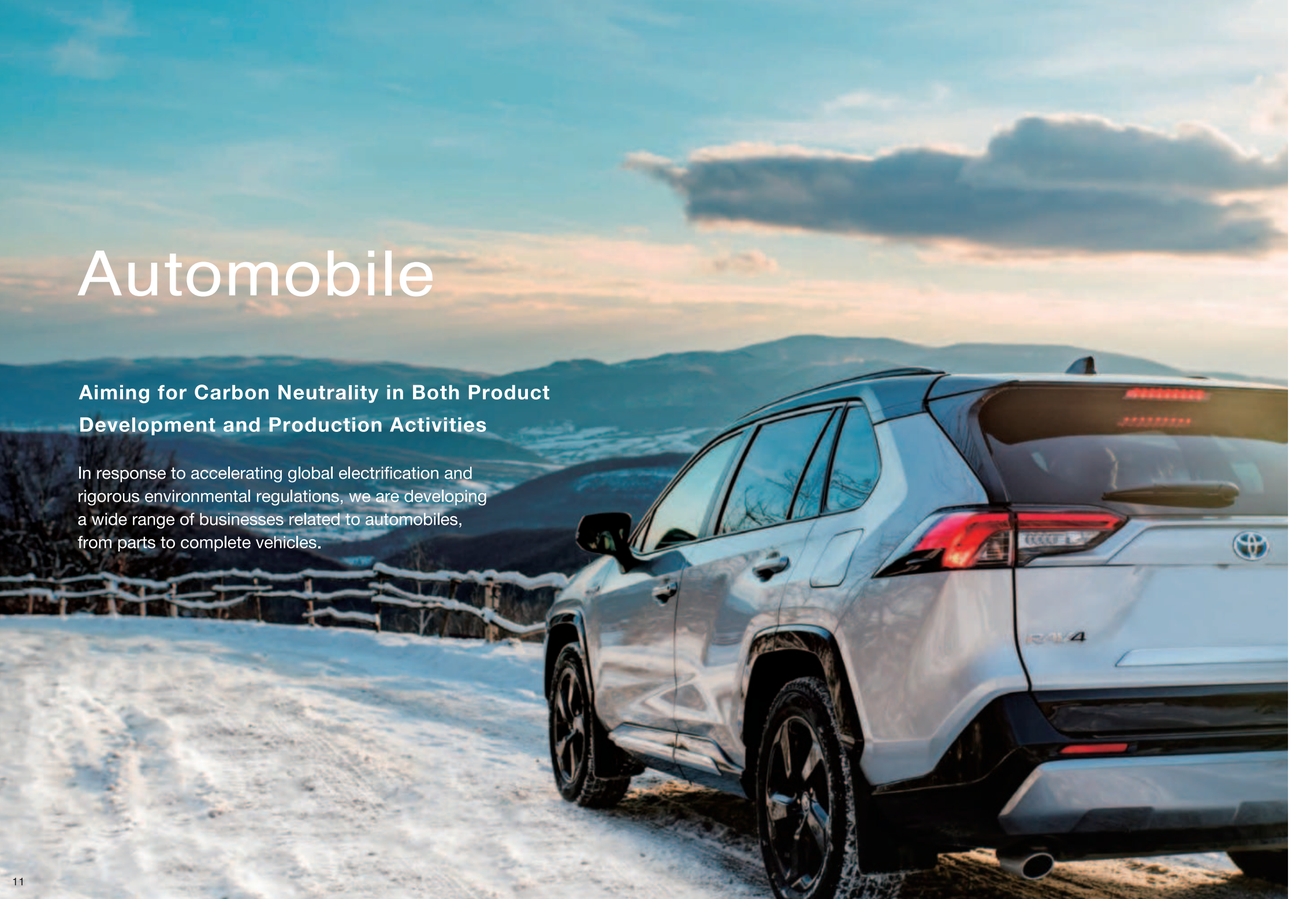
Toyota Industries Group's technology contributes to the smooth operation of airports around the world in various aspects such as check-in, conveying, storing, and sorting, from the moment baggage or cargo is checked in, loaded onto aircraft, and received at their destination.

VANDERLANDE
Shuttle-Based Automated
Bag Storage System
ADAPTO BAGSTORE

VANDERLANDE
Automated Screening Lane
PAX CHECKPOINT

TOYOTA
Electric Tow Tractor

VANDERLANDE
Advanced Baggage Handling Solution
FLEET



Automobile

Aiming for Carbon Neutrality in Both Product Development and Production Activities

In response to accelerating global electrification and rigorous environmental regulations, we are developing a wide range of businesses related to automobiles, from parts to complete vehicles.

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

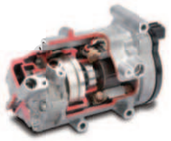
We develop and manufacture clean diesel engines that strike a balance between power performance and environmental performance, and turbochargers that play a significant role in the enhancement of engine performance. Toyota vehicles sold all around the world are equipped with these engines.

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

Products

Link to product details

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

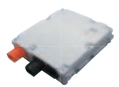
Bipolar Nickel-Metal Hydride Battery for Hybrid Electric Vehicles

Electronic Equipment

Integrated On-Board Charger and DC-DC Converter Unit

DC-DC Converter

On-Board Charger



1500W DC-AC Inverter

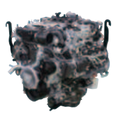
Stamping Dies

Hood Outer Trim Die for Automobiles

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

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

Textile Machinery

Pioneering the Textile Industry Through Technology and Imagination

We respond to customer demand in a wide range of areas, from clothing and home textiles to medical and industrial materials. We contribute to the development of the textile industry through our technological expertise accumulated over the years and our global service network.

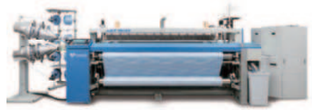
Products

Link to product details

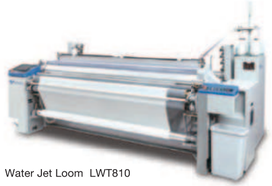
Business Outline

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.



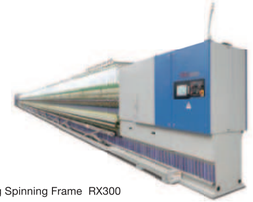
Air Jet Loom JAT910



Water Jet Loom LWT810

Spinning Machinery

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.



Ring Spinning Frame RX300

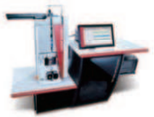
Roving Frame FL200

Quality Monitoring Solutions

USTER®
Think quality

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

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

1896
・Sakichi Toyoda invents Toyoda Power Loom.

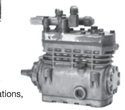
1926
・Toyoda Automatic Loom Works, Ltd. (now Toyota Industries Corporation) established.

1933
・Automobile Department set up.

1937
・Automobile Department separates and becomes Toyota Motor Co., Ltd. (now Toyota Motor Corporation).

1944
・Obu Plant starts operations, producing casting components.

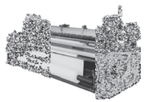
1953
・Production starts on automobile engines (S-type gasoline engine).
・Kyowa Plant starts operations, producing engines and assembling automobiles.



1960
・Production starts on car air-conditioning compressors.

1970
・Takahama Plant starts operations, producing industrial vehicles.

1980
・Production starts on JA air jet looms.



1986
・Company awarded the Deming Application Prize for quality control implementation.

1890 1900 1920 1930 1940 1950 1960 1970 1980

1890
・Sakichi Toyoda invents Toyoda Wooden Hand Loom.

1906
・Sakichi Toyoda invents Circular Loom.

1924
・Sakichi Toyoda invents Toyoda Automatic Loom, Type G.

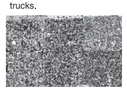
1929
・Production starts on spinning frames.

1935
・Prototype of Model A1 passenger car completed.

1940
・Steel Production Department separates and becomes Toyota Steel Works, Ltd. (now Aichi Steel Corporation).

1949
・Company listed on Tokyo, Osaka, and Nagoya Stock Exchanges.

1956
・Production starts on lift trucks.



1967
・Nagakusa Plant starts operations, producing small commercial vehicles.

・Production starts on electric lift trucks.

1978
・Production starts on the Toyota Starlet.

1982
・Hekinan Plant starts operations, producing automobile diesel engines.

1988
・Toyota Industrial Equipment Mfg., Inc. (now Toyota Material Handling, Inc.) established in the U.S.A. to produce lift trucks.

1994
・Toyota Industry (Kunshan) Co., Ltd. established in China to produce foundry parts.

1998
・TD Deutsche Klimakompressor GmbH established in Germany to produce car air-conditioning compressors.

2000
・Company acquires BT Industries AB (now Toyota Material Handling Europe AB) of Sweden, a world-leading manufacturer of warehouse trucks.

・Higashichita Plant starts operations, producing foundry parts.

2002
・Higashiura Plant starts operations, producing compressor parts.

2004
・TD Automotive Compressor Georgia, LLC established in the U.S.A. to produce car air-conditioning compressors.

2007
・Anjo Plant starts operations, producing electronic equipment.

2013
・Company acquires Cascade Corporation of the U.S.A., which produces and sells attachments for industrial equipment.

2015
・Toyota Industries Engine India Pvt. Ltd. established in India to produce diesel engines.

2017
・Company acquires Bastian Solutions LLC of the U.S.A. and Vanderlande Industries Holding B.V. of the Netherlands in order to strengthen materials handling solutions business.

2022
・Ishihama Plant starts operations, producing on-board batteries.

1990 2000 2010 2020

1992
・Production starts on automated storage and retrieval systems.

1989
・Michigan Automotive Compressor, Inc. established in the U.S.A. to produce car air-conditioning compressors.

1995
・Toyota Industrial Equipment, S.A. (now Toyota Material Handling Manufacturing France SAS) established in France to produce lift trucks.
・Kirloskar Toyota Textile Machinery Pvt. Ltd. established in India to produce textile machinery.

2001
・Company takes over the Industrial Equipment Sales Division of Toyota Motor Corporation.
・Production starts on the Toyota RAV4.

・Company name changed to Toyota Industries Corporation.

2003
・Company acquires Aichi Corporation.
・Production starts on ES18 electric compressors.

2005
・TD Automotive Compressor Kunshan Co., Ltd. established in China to produce car air-conditioning compressors.

2012
・Company acquires Uster Technologies AG, which produces and sells yarn quality measurement and cotton classing instruments.

2014
・Production starts on air compressors and hydrogen circulating pumps for fuel cell electric vehicles.

2016
・Sales begin for fuel-cell lift trucks.

2021
・Production starts on automotive batteries.

Plants and Office in Japan

Head Office / Kariya Plant

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

Obu Plant

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

Kyowa Plant

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

Nagakusa Plant

Address: Obu-shi, Aichi
Products: Automobiles

Takahama Plant

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

Hekinan Plant

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

Higashichita Plant

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

Higashiura Plant

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

Anjo Plant

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

Ishihama Plant

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

Morioka Works

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

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.

Automobile	U.S.A.	Michigan Automotive Compressor, Inc. TD Automotive Compressor Georgia, LLC Toyota Industries Compressor Parts America, Co. Toyota Industries Electric Systems North America, Inc.
Textile Machinery	U.S.A.	Toyota Textile Machinery, Inc.
	Brazil	Toyota Máquinas Têxteis Brasil Ltda
Others	U.S.A.	Toyota Industries North America, Inc. Toyota Industries Personnel Service of America, 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.l.
	Latvia	Toyota Material Handling Baltic SIA.
	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
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

Asia and Oceania

Materials Handling Equipment	China	Tailift Machinery & Equipment (Qingdao) Co., Ltd. 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
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 Valley 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.

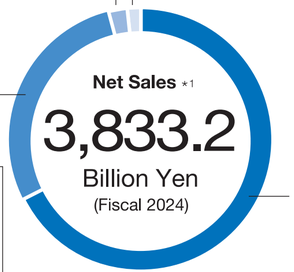
Company Overview

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 by Business Segment



Textile Machinery
2.4%
93.3 Billion Yen

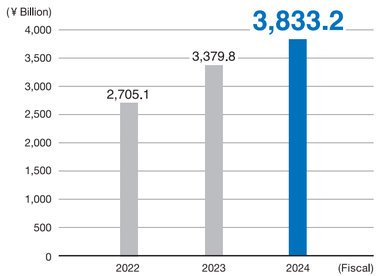
Others
1.5%
56.2 Billion Yen

Automobile
28.6%
1,096.4 Billion Yen

- Vehicle 2.6%
- Engine 8.6%
- Car Air-Conditioning Compressor 12.2%
- Electronic Parts 5.1%

Materials Handling Equipment
67.5%
2,587.2 Billion Yen

Sales



Operating Profit ★1 ¥200.4 Billion	**Profit before Income Taxes** ★1 ¥309.1 Billion	**Profit** ★1 ★2 ¥228.7 Billion	**Investments in Tangible Assets** ¥170.5 Billion
Depreciation ¥105.7 Billion	**Research and Development Expenses** ¥128.6 Billion	**Cash Dividends Per Share** ¥240	**Total Assets** ¥11,078.4 Billion

Note: Business results are rounded down to the nearest 100 million.
★1: Figures are based on IFRS (International Financial Reporting Standards). ★2: Attributable to owners of the parent