

Hirata

Security code : 6258

Company Explanatory Materials

Note : This document has been translated from the Japanese original for reference purposes only. In the event of any discrepancy between this translated document and the Japanese original, the original shall prevail.

I -1 Overview of Hirata Corporation

Hirata Corporation is a manufacturer that designs and manufactures **production equipment for various industrial sectors** and is referred to as a **“factory that builds factories.”**

Since its establishment in 1951, Hirata Corporation has delivered various production equipment to customers in diverse industries such as automotive, semiconductors, and home appliances. We have supplied our products to over 40 countries and regions.



• Sales	82,839 million yen
• Number of locations	7 domestic bases 9 overseas subsidiaries
• Number of employees	2,323 (consolidated) 1,419 (non- consolidated)
• Stock market listing	Tokyo Stock Exchange Prime Market

(as of March 31, 2024)

I -2 Overview of Hirata Corporation

**Reason for being called a "factory that builds factories":
We design and manufacture production equipment for our
customers' factories.**

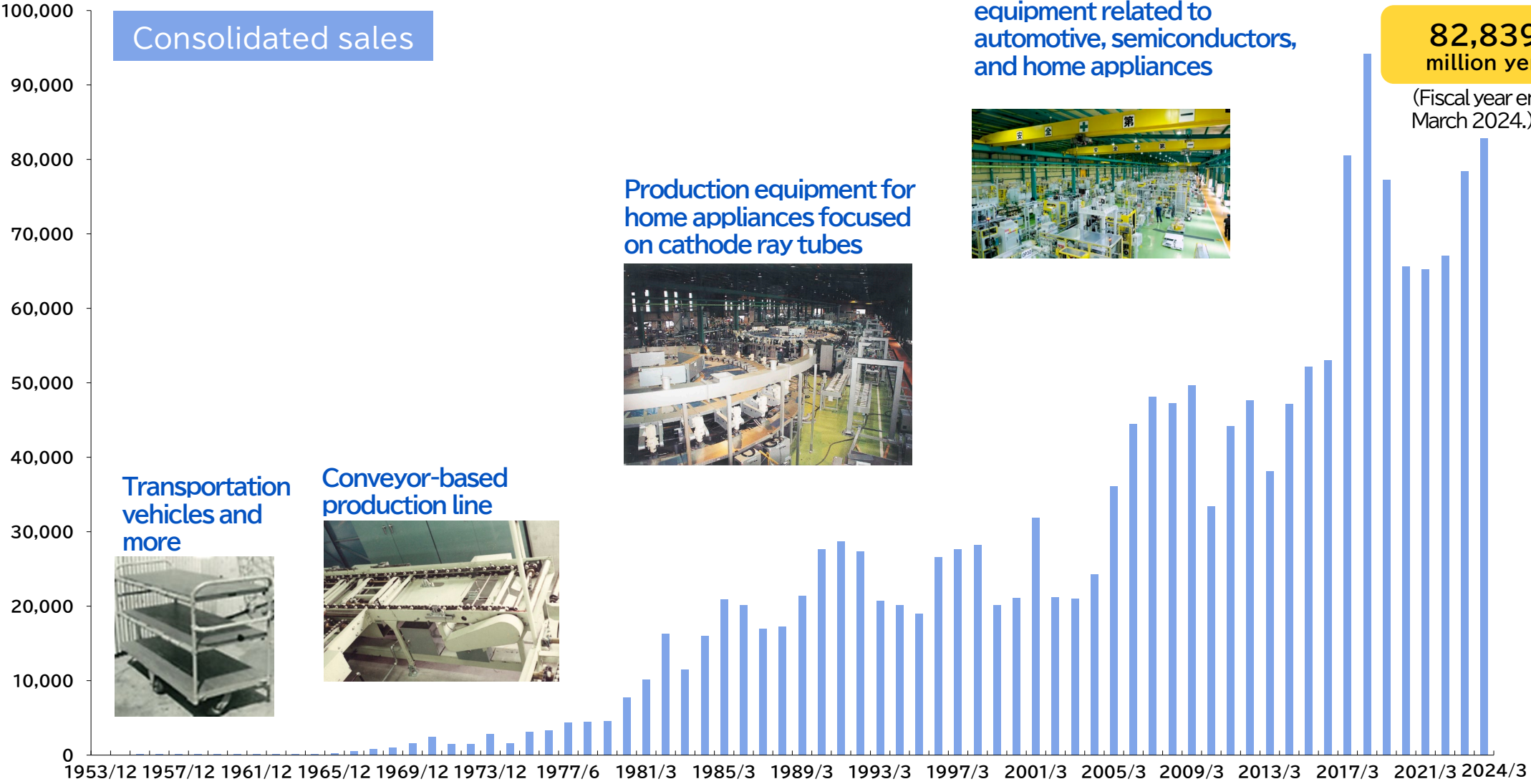
※ Image of our production equipment used in customers' factories
(They may differ from the actual situation.)



Examples of production equipment provided by Hirata (partial list).

- 1 Conveyor**
It is a device that transports products to the next process.
- 2 Automated machine**
It is a device that performs tasks such as assembly of parts, screwing, and transfer of parts automatically.
- 3 Stocker, Loader/Unloader**
A stocker is a storage unit for parts and similar items.
A loader/unloader is a device that transfers parts in and out of automated machines, etc.
- 4 Robots**
They are used for various purposes such as assembly and transportation of products. It can be used independently or as part of an automated machine, and there are many types available, including horizontal multi-joint, vertical multi-joint, and cartesian types.
- 5 Control unit/Control program**
These include the robot controller, control devices for the equipment, and programs to operate them.

I -3 Sales Trends

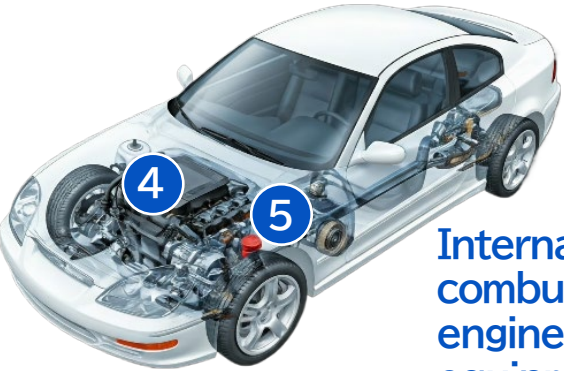
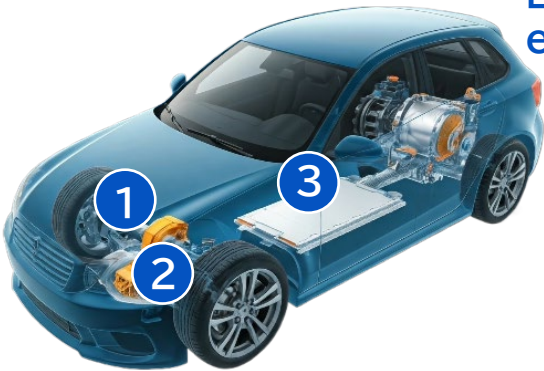


II -1 Business Overview : Main products of automobile-related business

- We design and manufacture products for North American automotive manufacturers ("Big Three"), emerging North American EV manufacturers, and automotive electronic component manufacturers, focusing on EV-related products.

Main Products related to Automobile

EV-related equipment



Internal combustion engine related equipment

1 EDU assembly equipment

Main field

We design and manufacture assembly equipment for drive components of electric vehicles, which combine a motor and gearbox called EDU.



2 IGBT·Inverter assembly equipment

Main field

We design and manufacture assembly equipment for vehicle-mounted electronic components, such as IGBTs and inverters, used in electric vehicles and transmission vehicles.



3 Battery-related assembly equipment (Cell charging / discharging process)

Expansion field

We design and manufacture conveying equipment for charging and discharging processes that are part of the battery cell progress.



4 Engine assembly equipment

Main field

We design and manufacture assembly equipment for engines such as gasoline and diesel vehicles, accommodating various configurations including inline and V-type.



5 Transmission assembly equipment

Main field

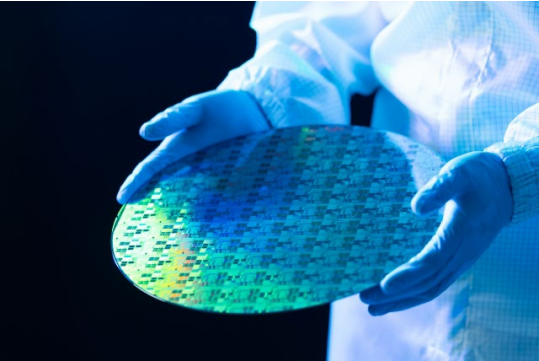
We design and manufacture a variety of transmissions, just like engines.



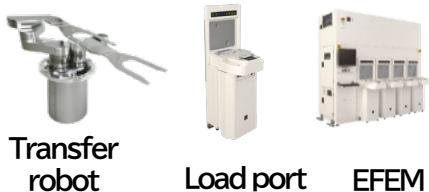
II - 2 Business Overview : Main products of semiconductor-related business

● We design and manufacture wafer transport device and handling equipment between inspection equipment for semiconductor manufacturing equipment manufacturers.

Main Products related to Semiconductors



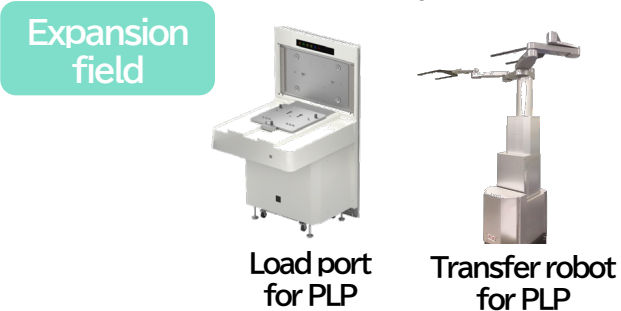
● **Wafer transport device** Main field
We manufacture **load port** that incorporates silicon wafers into various treatment devices, **wafer transport robot** that can support the air and vacuum environment, and an integrated **EFEM**.



● **Handling equipment between inspection equipment** Main field
We manufacture **handling equipment** that transport and transfer the finished IC chips to inspection devices or another trays.



● **PLP(Panel Level Packaging)related equipment** Expansion field
We manufacture **EFEM**, **load port**, and **wafer transfer robots** for panel substrate transfer and **transfer equipment** for panel manufacturing used in the PLP process, etc.



II - 3 Business Overview : Main Products related to Other Automatic Labor-saving Equipment

- We design and manufacture products for various industrial fields such as medical·physiology and chemical equipment, assembly equipment for home appliances, etc.

Main Products related to Other Automatic Labor-saving Equipment



※ Image of ultrasound therapy device.
(The picture is for illustrative purposes only)

● Medical physiology and chemical equipment

Main field

We manufacture devices for specimen testing (such as pathological tissue specimen preparation devices and fully automated continuous microtomes).

● Focused ultrasound therapy equipment

New field

- We are jointly developing a focused ultrasound therapy equipment targeting pancreatic cancer with SONIRE Therapeutics Inc (Headquartered in Shinjuku, Tokyo, hereinafter referred to as SONIRE).
- We aim for non-invasive cancer treatment that fuses SONIRE's ultrasonic technology with our robot technology.



Pathological tissue specimen preparation device

● Assembly equipment for home appliances

Main field

We manufacture all equipment, including motor assembly equipment built into high-performance home appliances.



Assembly equipment for home appliances

● Organic EL Vapor Equipment

We are contracted to manufacture vacuum evaporation equipment for OLED panels.

III Competitive Advantage

Our competitive advantage

- We have extensive knowledge and expertise gained from working with production equipment and devices in various fields.
- We have established a comprehensive system that handles everything from development to production and maintenance in-house.
- We have the engineering capabilities to meet customer requirements.

In particular, the following points are highly valued:

- Our technical capabilities to handle large-scale equipment exceeding a total length of 1 km solely in-house (automotive sector)
- Our extensive lineup of components, customization abilities adapted to customer needs, and high throughput of our products (semiconductor sector)

