

At a Glance

We support the manufacturing processes of our customers by providing high-quality, high-efficiency and easy-to-use production systems.

We manufacture and sell production systems for various fields, including automobiles, semiconductors, flat panel displays (FPD) and home electronics.

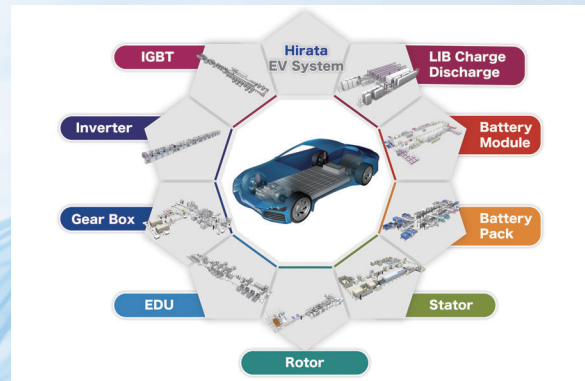
We continually take on the challenges of responding to the needs of our customers in many industries by utilizing the technology and know-how we have accumulated through our wide-ranging experience in global manufacturing.



Automotive-related Equipment

P22-23

We completely handle equipment for electric vehicles (EVs), engines, transmissions and automotive component production. We provide optimized solutions by means of pre-verification utilizing digital technologies and comprehensive tests at our plants.



We support assembly equipment for products ranging from EV-related components and the main components of power transmissions/drive systems known as powertrains to smaller components such as the computerized systems that control them, automotive electronic parts such as sensors, air compressors for air-conditioning, and ABS brake modules.



Semiconductor-related Equipment

P24-25

Manufacture/sale of load ports that load silicon wafers into various processing equipment, wafer transfer robots that can handle atmospheric and vacuum environments, aligners and the equipment front-end modules (EFEMs) that integrate them as well as vacuum platforms.



In the front-end processes of semiconductor manufacturing, we manufacture and sell equipment platforms, transfer equipment, etc. In post-process, we mainly manufacture and sell the transfer equipment utilized within and between processes.



We also provide the load ports and transfer robots for FOPLP* equipment and the EFEMs that integrate them. In the field of semiconductor-related equipment, we also have N₂ purge load port, N₂EFEM and other technologies available for use in miniaturization.

*Fan Out Panel Level Packaging

Spread of Sustainable Social Infrastructure

Contribution to Carbon Neutrality with Our Products

Hirata's all-electric transfer system reduces the environmental impact of customer factories and contributes to carbon neutrality

Installing an all-electric transfer system equipped with a Hirata-developed DC brushless motor renders pneumatic tooling unnecessary, contributing to significant reductions in electricity consumption, CO₂ emissions and running costs.

Efforts to Realize Management Adapted to New Normal Era

Leveraging digital technologies to transform entire businesses

- Virtual commissioning using an emulator
- Utilization of new technologies, such as extended reality (XR) and artificial intelligence (AI)
- Remote meetings/remote maintenance
- Digitization of forms/use of cloud computing
- Visualization of plant operational status



Other Automatic Labor-saving Equipment

P26-27

Industrial robots, contract manufacturing of organic electroluminescent (EL) panel vacuum deposition equipment, single-item sales of factory automation (FA) equipment, manufacture and sale of home electronics, transfer-related equipment, medical and scientific equipment, etc.



Our core industrial robot technology is incorporated in production equipment in a variety of applications, such as automotive, semiconductor and home electronics manufacturing.



We manufacture and market medical, chemistry and physics devices that are used in the healthcare field and in the development of new medicines. We endeavor to contribute to society by providing products that are easier to use and have high reliability.



We help customers to optimize their plant layouts and provide material handling equipment for coaters and laminating systems, for the flat panels and base plates used for OLED and LCD applications as well as for the systems used for transfer, division and shifting systems.