



INTELLIGENT EQUIPMENT FOR A ZERO CARBON FUTURE



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Contents



Lyric
Company profile

Products & Solutions

Haikui Intelligent Manufacturing

Culture and Values

Advanced enterprise of AI Smart Factory Solutions in the new energy Industry
Chinese new energy equipment enterprise with an early global footprint
First echelon enterprise of high-end equipment in the field of global new energy

Establishment

2002年

Quantity of employees

7000⁺

Listing on STI board

2021年

R & D technicians

2000⁺

Global subsidiaries and offices

20⁺

Manufacturing bases

7↑



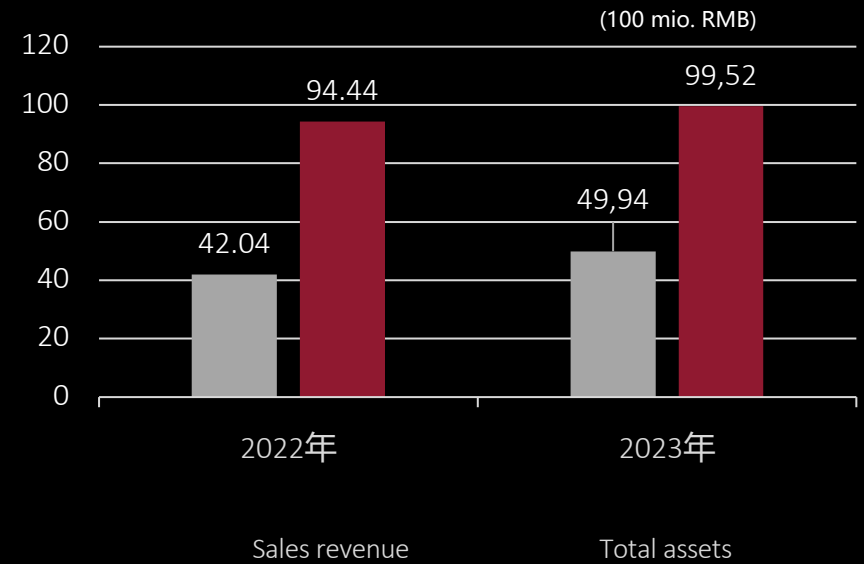
The above data is as of March 31, 2024

Financial index



- Year-on-year revenue growth 2023 : 18.81%
- Total assets as of 2023-12-31: 9.952 billion CNY

Lyric Robot mainly provides smart factory solutions for leading companies in the field of new energy (lithium-ion battery, photovoltaic, hydrogen energy, electric drive, intelligent warehousing)



History

2002-2007

The start-up life of the team

Serve Japanese and Korean customers and create the foundation for internationalization



- We provided precision parts and automation machines for Japanese and Korean customers: Sumitomo, Aisin Seiki, Toyo Pixel, Samsung and LG, etc.

2008-2013

Focus on consumer Lithium-ion battery equipment

Strategic cooperation with industry leaders from the special single machine to the whole line



- Focused on and deeply cultivate the service of ATL, and provided ATL with multi-process equipment for battery cells
- Provided digital factory services for customers such as Huawei, Lenovo, Inspur, and ZTE

2014-2017

Entered the field of power lithium-ion battery

While deeply cultivating the consumer lithium-ion battery equipment
Provided equipment for the world's top power lithium-ion battery enterprises



- The introduction of double academicians and the establishment of a postdoctoral research station
- Establishment of Swiss office and Canadian company
- Establish cooperative relations with customers such as CATL, BYD, CALB
- Became a strategic supplier of ATL

2018-2023

The era of globalization strategy

listed on the Science and Technology Innovation Board,
obtained the whole line nomination of top new energy enterprises in China and abroad



- Established production facilities in Europe and North America
- Established companies in Germany, the U.S., Hungary, Japan, and Korea
- Received orders from Volkswagen, Samsung, Envision AESC, GOTION, GAC, Changan, Ford and other leading enterprises in China and abroad
- Developed photovoltaic equipment business and served customers such as LONGi, Jinko, Gaojing, Trina, and Canadian Solar

2024-2028

Extending the pan-semiconductor field

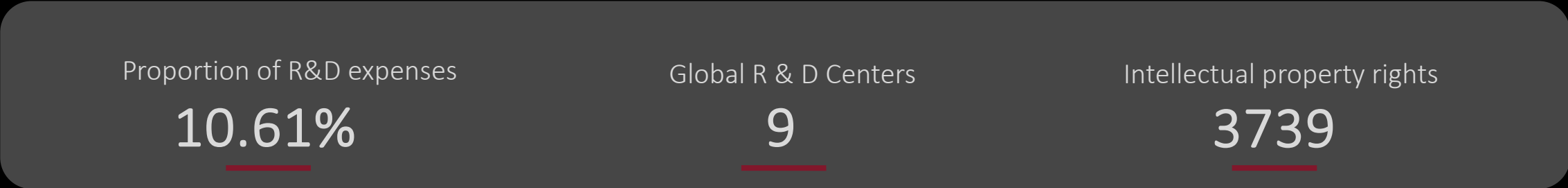
Technology and products to photovoltaic and pan-semiconductor horizontal expansion of global business,
Build a world brand of Chinese equipment



- Established companies in Thailand and India
- The production equipment lines have been delivered to the United States, India, Brazil and Hungary.....

Lyric's Global Layout



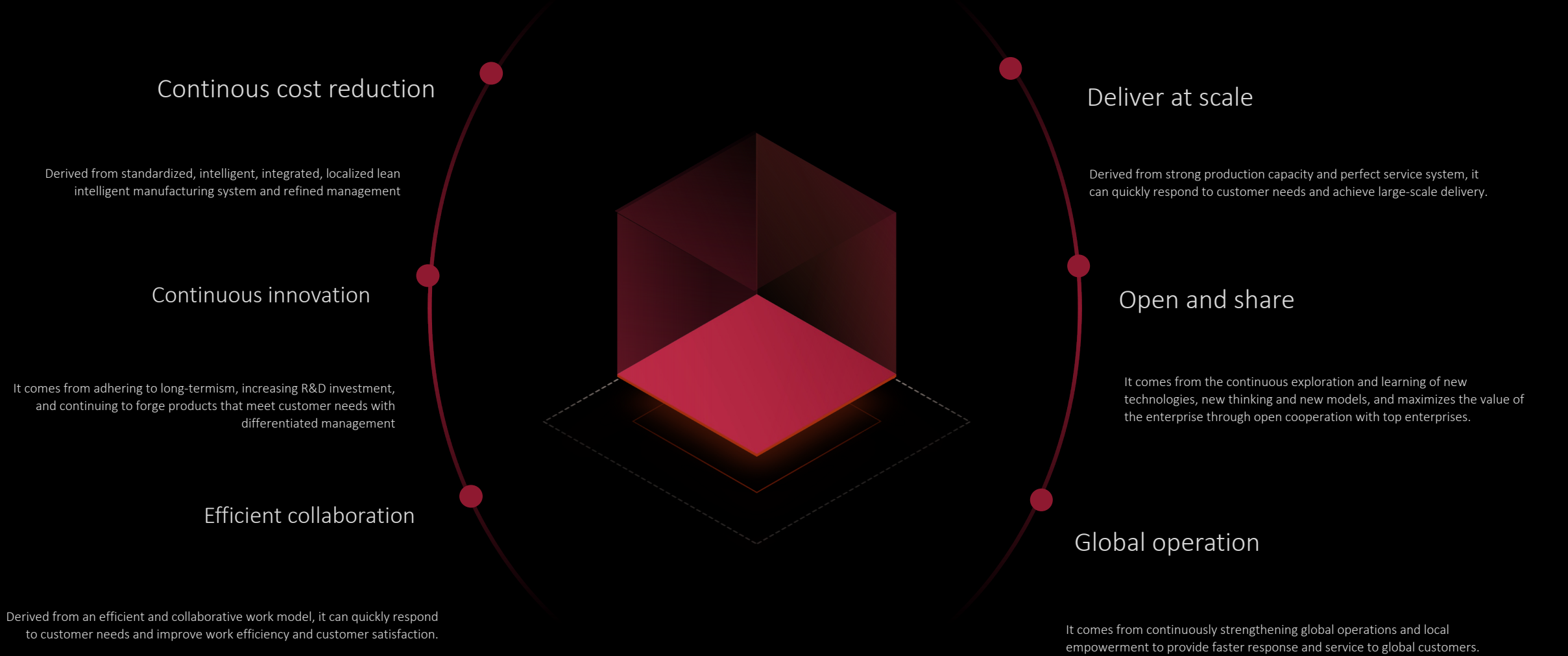


Industry-leading customers choose Lyric



Rank in no particular order

Six core competencies

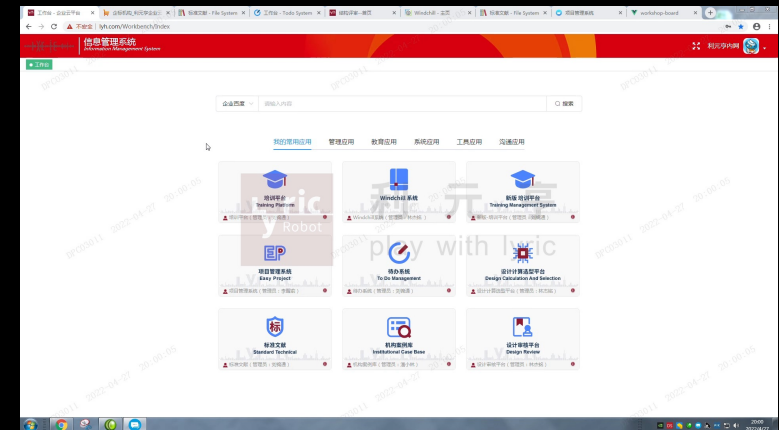
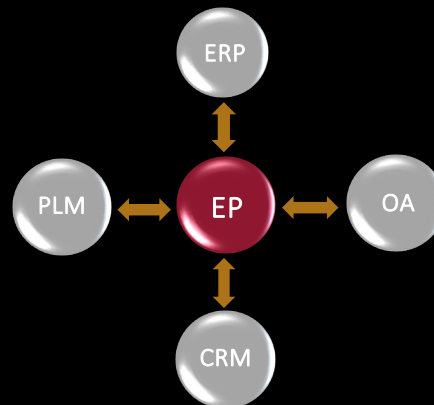


Continuous cost reduction- digital and transparent project management

The data center connected with systems such as PM realizes multi-dimensional perspective of data such as personnel, materials, installation and commissioning, key technologies, EH, project risks, etc., and provides guarantee for high-quality delivery execution of projects



● Project lifecycle management



Continuous cost reduction- standardization of quality management



Quality inspection equipment

Standardization

Systematization

Informatization

Intelligence



2.5D high precision automatic image measuring instrument



3D microscope



Coordinate Measuring Machine



Laser interferometer



Laser Tracker



Dynamic balancing machine

Quality inspection equipment

10000+

Measurement laboratories

7+

Inspection engineers

300+

Intelligent measuring system

Automated measurements

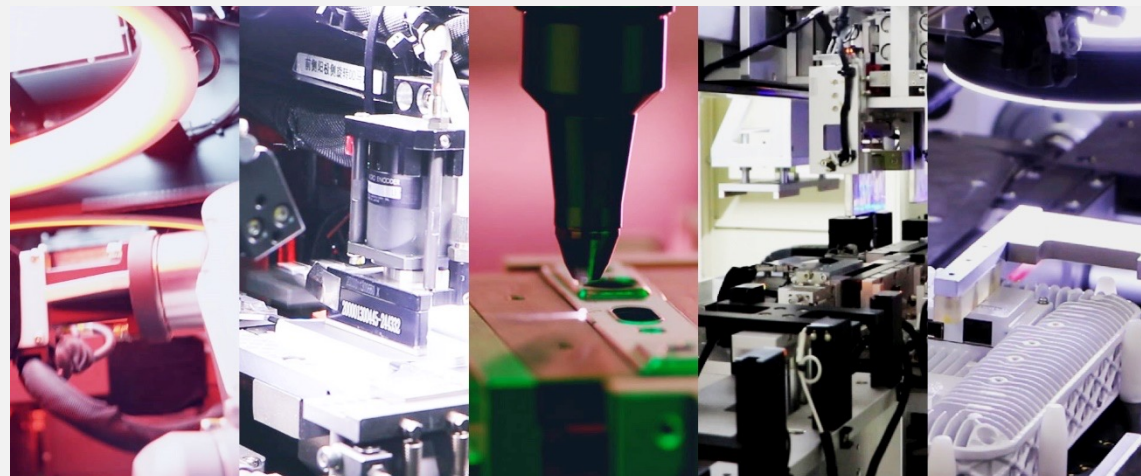
Real-time data acquisition

Quality standards

510+

Measurement precision

0.01 μ m



Continuous innovation - integration of production, education and research

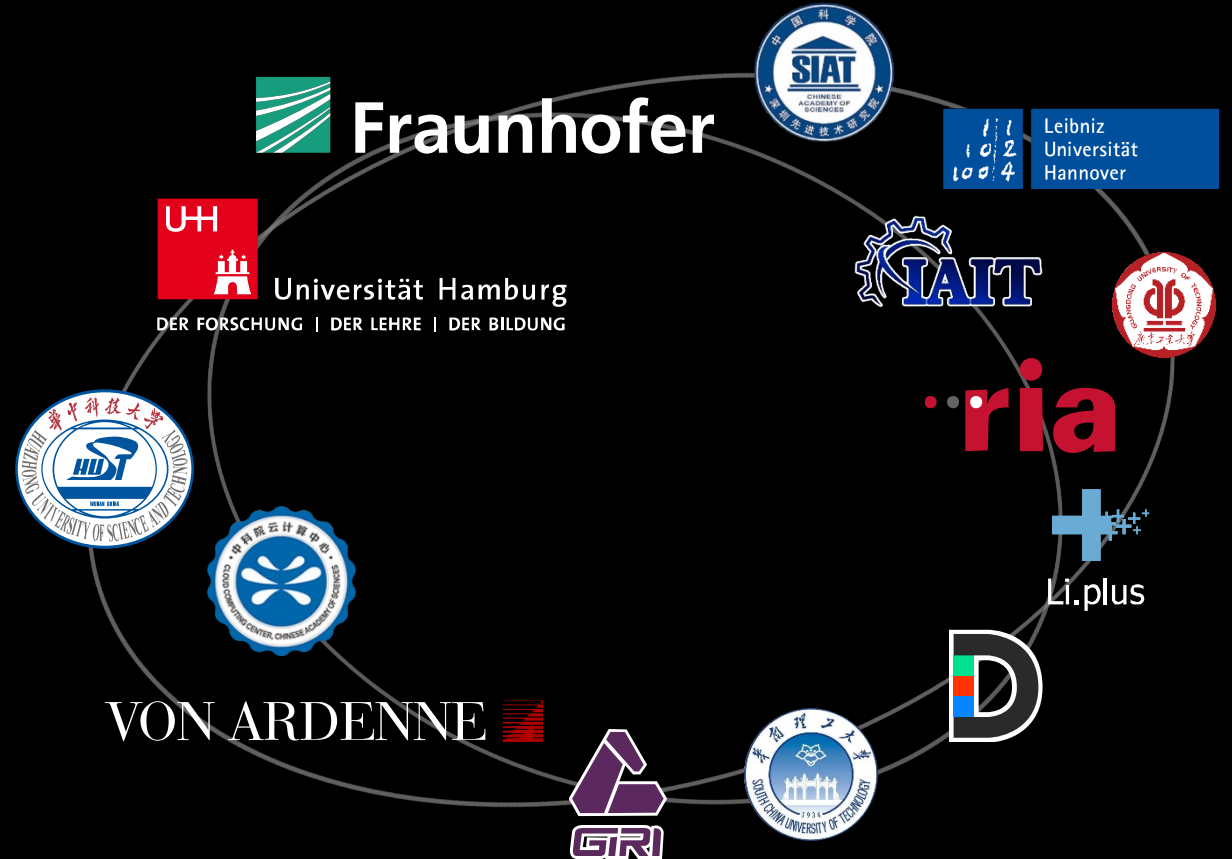


Total Training Base Area

> 4000m²

Investment amount

> 5000万



Efficient collaboration - project management system, intelligent service



Remote Predictive Maintenance



Mobile after-sales management system



Standard spare parts library



Response within 30 minutes



Deliver at scale- project site resources and large-scale precision parts manufacturing capacity



Total Assembly Area

(> 400,000 m²)

Monthly machining parts

(> 4,500,000+ pcs)



Precision of machining

μm

Precision machining equipment

3000+

(> 3,000+ equipment)

High precision parts / core components / on-site urgent parts, with self-made rate of 100%.

Standardized production system and μm level machining accuracy.

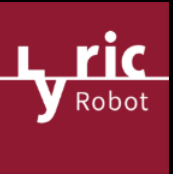
Annual equipment delivery capacity
3000+ (sets)

Establish joint laboratories with leading customers in the industry



- A total of 12 joint laboratory customers and more than 1600 experimental projects have been established.
- There are 652 items of prismatic battery lines, 420 items of pouch battery lines, 141 items of cylindrical battery lines, 108 items of blade battery lines, and 312 items of laser technologies.

Global operation - International Certification System



ISO9001
Quality management system
certification

ISO27001
Information security system
certificate

ISO14001
Environmental Management
System Certification

ISO45001
Occupational health and safety
management system

GBT29490
Intellectual property management system
certification

CMMI3 certified

CE certification

Global operation – Local manufacturing and service capabilities in Europe

Total Assembly Area

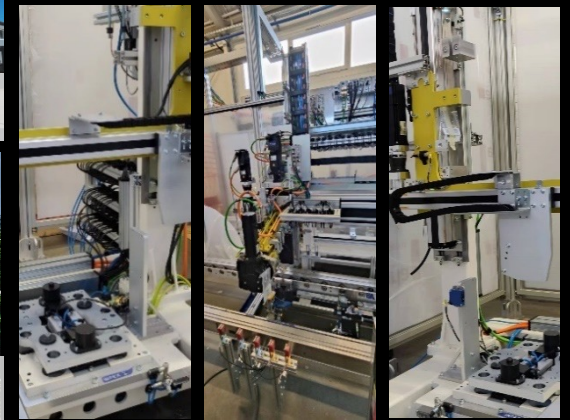
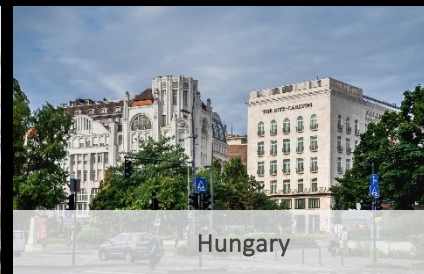
> 5000m²

Lyric European employees

370⁺

Precision machining equipment

30



- 6 senior chief engineers of automotive and EV battery / test equipment in Europe
- The machining center is fully-equipped and the manufacturing process is rigorous

Global operation – Excellent project management capabilities in the Asia-Pacific (excluding China) region



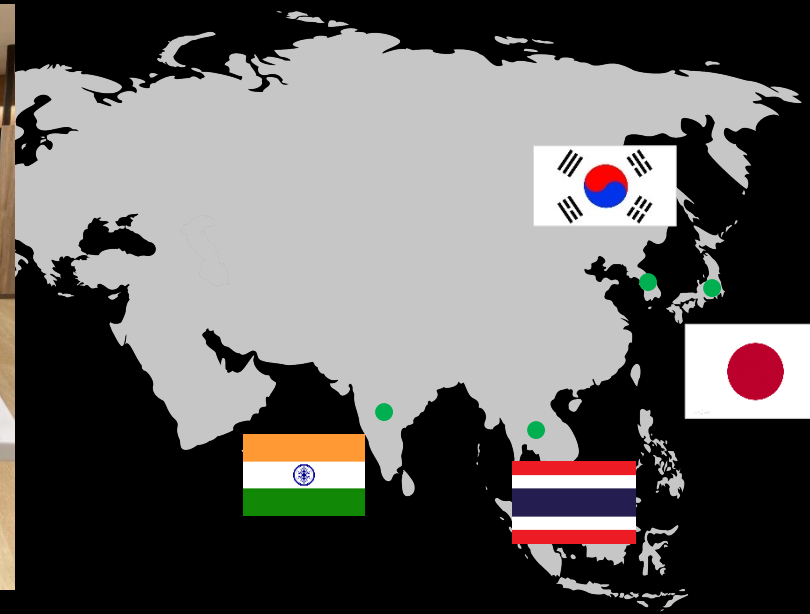
Adjustable Japanese and Korean local equipment manufacturing industry chain resources



Hwaseong, Korea



Tokyo, Japan



Asia Pacific (excluding China) employees

70+

In Japan, Thailand, India and South Korea, we undertook intelligent equipment projects for world-leading companies, including core equipment in lithium-ion battery production processes in South Korea and India.

利元亨文化

Lyric values



mission: enable innovative and precise intelligent equipment, keep challenging the technical status-quo

vision: to become a global first-class company, to contribute to a zero-carbon future, to be a success platform for employees

values: customer first, overcome difficulties, stay innovative, joint growth



Intelligence



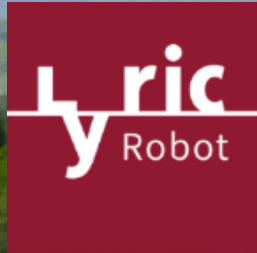
Efficiency

ECO

Energy saving



Safety



Zero-carbon future

Lyric is committed to becoming the world's leading supplier of new energy and pan-semiconductor equipment

www.lyric-robot.com www.lyric-korea.com