

# Global Battery Manufacturing Equipment Market 2023

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## Abstracts

Battery manufacturing includes various processes such as electrode preparation, cell assembly, electrolyte filling, and battery testing. Battery manufacturing equipment is essential for the efficient and precise manufacturing of batteries used in various applications, including electric vehicles, consumer electronics, and renewable energy storage systems.

The global battery manufacturing equipment market is anticipated to increase by USD 29.6 billion till 2029 at an average annual growth of 23.2 percent as per the latest market estimates. The increasing adoption of battery manufacturing equipment is driven by the growing demand for electric vehicles (EVs) and the shift towards cleaner and more sustainable transportation options. Battery manufacturing equipment is crucial for the production of batteries used in EVs, contributing to market growth.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global battery manufacturing equipment market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

### Market Segmentation

Equipment by process: cell assembly, cell finishing, electrode manufacturing

Battery type: lead acid battery, lithium-ion battery, nickel metal hydride (NiMH) battery, nickel-cadmium (NiCd) battery, others

End user: automotive, consumer electronics, energy and power, others

Region: North America, Europe, China, Asia-Pacific (ex. China), Rest of the World

Electrode manufacturing equipment: calendaring machine, coater, mixer, slitter, vacuum drying equipment, others

Cell assembly equipment: electrode stacking machine, filling and dosing machine, welding machine, others

Cell finishing equipment: assembling machine, degassing machine, testing machine, others

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the equipment by process, battery type, end user, and region. The global market for battery manufacturing equipment can be segmented by equipment by process: cell assembly, cell finishing, electrode manufacturing. The electrode manufacturing segment held the largest revenue share in 2022. Battery manufacturing equipment market is further segmented by battery type: lead acid battery, lithium-ion battery, nickel metal hydride (NiMH) battery, nickel-cadmium (NiCd) battery, others. Among these, the lithium-ion battery segment was accounted for the highest revenue generator in 2022. Based on end user, the battery manufacturing equipment market is segmented into: automotive, consumer electronics, energy and power, others. The automotive segment captured the largest share of the market in 2022. On the basis of region, the battery manufacturing equipment market also can be divided into: North America, Europe, China, Asia-Pacific (ex. China), Rest of the World. According to the research, China had the largest share in the global battery manufacturing equipment market.

The electrode manufacturing equipment market is further segmented into calendaring machine, coater, mixer, slitter, vacuum drying equipment, others. Among them, mixer segment accounted for the largest market share in 2022. Moreover, it is expected to expand the highest CAGR during the forecast period. Furthermore, the cell assembly equipment market has been categorized into electrode stacking machine, filling and dosing machine, welding machine, others. The electrode stacking machine segment was the largest contributor to the global battery manufacturing equipment market in 2022. The cell finishing equipment market is further divided into assembling machine, degassing machine, testing machine, others. The assembling machine segment is estimated to account for the largest share of the global battery manufacturing equipment market.

### Major Companies and Competitive Landscape

The market research report covers the analysis of key stake holders of the global battery manufacturing equipment market. Some of the leading players profiled in the report include Battery Technology Source Co., Ltd., Beijing NAURA New Energy Lithium Battery Technology Co., Ltd., Buhler AG, CKD Corporation, Daiichi Jitsugyo Co., Ltd., Foshan Golden Milky Way Intelligent Equipment Co., Ltd., Guangdong Lyric

Robot Automation Co., Ltd., Hirano Tecseed Co., Ltd., Hitachi, Ltd., Kaido Manufacturing Co., Ltd., KOEM CO., LTD., Manz AG, Readco Kurimoto, LLC, Shanghai Putailai New Energy Technology Co., Ltd., Shenzhen Geesun Intelligence Technology Co., Ltd., Shenzhen KATOP Automation Co., Ltd., Shenzhen Yinghe Technology Co., Ltd., SOVEMA GROUP S.p.A., Super Components Engineering (Dongguan) Ltd., Targray Technology International Inc., Toray Industries, Inc., Wirtz Manufacturing India Pvt. Ltd., Wuxi Lead Intelligent Equipment Co., Ltd., Xiamen Tmax Battery Equipments Limited, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

### Scope of the Report

To analyze and forecast the market size of the global battery manufacturing equipment market.

To classify and forecast the global battery manufacturing equipment market based on equipment by process, battery type, end user, region.

To identify drivers and challenges for the global battery manufacturing equipment market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global battery manufacturing equipment market.

To identify and analyze the profile of leading players operating in the global battery manufacturing equipment market.

### Why Choose This Report

Gain a reliable outlook of the global battery manufacturing equipment market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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