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# Global Dry Electrode Manufacturing Equipment for Solid-State Batteries Market Growth (Status and Outlook) 2026-2032

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## Abstracts

The global Dry Electrode Manufacturing Equipment for Solid-State Batteries market size is predicted to grow from US$ 478 million in 2025 to US$ 1039 million in 2032; it is expected to grow at a CAGR of 12.4% from 2026 to 2032.

Solid-state battery dry electrode manufacturing equipment comprises a comprehensive suite of machinery designed for solvent-free electrode preparation. It encompasses key stages such as dry powder mixing, dry film formation, roll pressing and lamination, slitting and stacking, and in-line inspection. This technology significantly reduces the reliance on solvents, drying processes, and energy consumption associated with traditional wet-coating methods, while simultaneously boosting manufacturing efficiency for solid-state batteries and high-energy-density battery systems. The industry's gross profit margin typically ranges from 20% to 40%.

The market for solid-state battery dry electrode manufacturing equipment currently stands on the brink of explosive growth. The dry process?by eliminating the need for toxic solvents and drying stages?is inherently compatible with solid electrolytes; as such, it serves as the pivotal technology for achieving cost reductions and efficiency gains in solid-state battery production. Driven by the advancement of large-scale mass production, this market is projected to sustain a trajectory of high growth over the coming years.

This report presents a comprehensive overview, market shares, and growth opportunities of Dry Electrode Manufacturing Equipment for Solid-State Batteries market by product type, application, key players and key regions and countries.

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Segmentation by Type:

Dry Powder Mixing Equipment

Dry Coating Equipment

Calendering and Film-Forming Equipment

Lamination and Slitting Equipment

Segmentation by Coating Width:

1,000 mm Coating Width

Other Custom Width

Segmentation by Process:

PTFE Fibrillation Process

Electrostatic Dry Spraying

Solvent-Free Roll-to-Roll

In-Line Thickness Control

Segmentation by Application:

Lithium-Ion Batteries

Solid-State Batteries

Sodium-Ion Batteries

Supercapacitors

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This report also splits the market by region:

United States

China%li%

Europe

Other regions

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

D?rr (DE)

B?hler (CH)

Manz (DE)

GROB (DE)

Br?ckner Maschinenbau (DE)

Hirano Tecseed (JP)

Toray Engineering (JP)

Hitachi High-Tech (JP)

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PNT (KR)

Koem (KR)

Wuxi Lead Intelligent Equipment (CN)

Yinghe Technology (CN)

Hangke Technology (CN)

Lyric Robot (CN)

Matthews International (US)

AM Batteries (US)

Sakuu (US)

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## 3 DRY ELECTRODE MANUFACTURING EQUIPMENT FOR SOLID-STATE BATTERIES KEY PLAYERS

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