

Battery-operated Rebar Tying Machine Market Size, Share & Trends Analysis Report By Application (Building Construction, Civil Infrastructure, Industrial), By Region, And Segment Forecasts, 2026 - 2035

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Abstracts

The global battery-operated rebar tying machine market size was valued at USD 230.8 million in 2025 and is projected to grow from USD 255.1 million in 2026 to USD 472.4 million by 2035, growing at a CAGR of 7.1% from 2026 to 2035. Asia Pacific dominated the market, accounting for the largest revenue share of 51.0% in 2025. The increasing emphasis on improving productivity and addressing labor shortages is driving the adoption of advanced construction equipment across the global construction industry.

Contractors are increasingly replacing manual and conventional tools with battery-powered alternatives that offer greater mobility, ease of operation, and consistent performance. Battery-operated rebar tying machines help reduce the time required for reinforcement tying while minimizing worker fatigue and improving tying consistency.

Continuous advancements in cordless power tool technologies are further supporting market growth. Modern battery operated rebar tying machines are equipped with high-performance lithium-ion batteries, brushless motors, rapid charging capabilities, and intelligent battery management systems that enhance runtime, durability, and overall operational efficiency. Compared to older rechargeable battery technologies, lithium-ion batteries have become the preferred choice due to their higher energy density, lighter weight, longer operating time, and faster charging performance. These technological improvements enable contractors to complete reinforcement work more efficiently with reduced downtime, encouraging wider adoption of battery operated rebar tying machines across diverse construction applications.

Global Battery-operated Rebar Tying Machine Market Report Segmentation

This report forecasts revenue & volume growth at global, regional, and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2035. For this study, Grand View Research has segmented the global battery-operated rebar tying machine market report based on application and region.

Application Outlook (Volume, Thousand Units; Revenue, USD Million, 2021 - 2035)

Building Construction

Civil Infrastructure

Industrial

Others

Regional Outlook (Volume, Thousand Units; Revenue, USD Million, 2021 - 2035)

North America

U.S.

Europe

Germany

France

UK

Asia Pacific

China

India

Japan

South Korea

Australia

Taiwan

Singapore

New Zealand

Middle East & Africa

Saudi Arabia

UAE

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