

Global Automatic Parking Tower Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Automatic Parking Tower market size is expected to reach \$ 13902 million by 2032, rising at a market growth of 15.1% CAGR during the forecast period (2026-2032).

Automatic Parking Tower is a vertical automated parking structure designed to store and retrieve vehicles through multi-level mechanical lifting and shuttle systems within a compact vertical framework. It integrates steel structural engineering, servo-driven lifting mechanisms, reduction gear systems, and PLC-based control architecture to maximize vertical space utilization and improve parking efficiency in land-constrained urban environments. Its advantages include extremely high space utilization efficiency, reduced land occupation, improved vehicle storage density, and enhanced operational automation through centralized mechanical control. In 2025, the capacity utilization rate was about 73%, and the average gross margin was approximately 20%. The upstream segment includes high-strength steel, servo motors, gear reducers, and PLC controllers, with representative suppliers such as ArcelorMittal, POSCO, Siemens, Bosch Rexroth, and Schneider Electric. The midstream segment focuses on structural system engineering, vertical lifting mechanism design, automated control system integration, and full-stack parking system deployment. The downstream segment is primarily concentrated in public parking facilities and commercial parking operators, with representative customers including Prologis, Simon Property Group, Brookfield Properties, and China Resources Land.

Automatic Parking Tower demand is primarily driven by extreme land scarcity in dense urban cores and the need for high-capacity parking solutions within minimal footprints. Its vertical architecture enables significant parking density improvements, making it suitable for central business districts, transit-oriented developments, and premium

commercial complexes. Application value is strongest where land cost exceeds structural complexity considerations. However, deployment is constrained by high upfront capital intensity, long construction cycles, and stringent engineering requirements for safety and maintenance. Future adoption will depend on integration with urban mobility systems and the economics of vertical land-use efficiency rather than traditional parking expansion models.

This report studies the global Automatic Parking Tower demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automatic Parking Tower, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automatic Parking Tower that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automatic Parking Tower total market, 2021-2032, (USD Million)

Global Automatic Parking Tower total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Automatic Parking Tower total market, key domestic companies, and share, (USD Million)

Global Automatic Parking Tower revenue by player, revenue and market share 2021-2026, (USD Million)

Global Automatic Parking Tower total market by Type, CAGR, 2021-2032, (USD Million)

Global Automatic Parking Tower total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Automatic Parking Tower market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include XIZI Parking System (China), Wuyang Parking (China), Dayang Parking (China), Yeefung Industry Equipment (China), Tongbao Parking Equipment (China), IHI Parking System (Japan), ShinMaywa (Japan), Klaus Multiparking (Germany), Maoyuan Parking Equipment (China), Wöhr (Germany), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world Automatic Parking Tower market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Automatic Parking Tower Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automatic Parking Tower Market, Segmentation by Type:

Open Tower

Closed Tower

Global Automatic Parking Tower Market, Segmentation by Parking Capacity:

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