

Global Automatic Parking Tower Market 2026 by Company, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G389C00EDFABEN.html>

Date: June 2026

Pages: 112

Price: US\$ 3,480.00 (Single User License)

ID: G389C00EDFABEN

Abstracts

According to our (Global Info Research) latest study, the global Automatic Parking Tower market size was valued at US\$ 5145 million in 2025 and is forecast to a readjusted size of US\$ 13902 million by 2032 with a CAGR of 15.1% during review period.

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 is a detailed and comprehensive analysis for global Automatic Parking Tower market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Automatic Parking Tower market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Automatic Parking Tower market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Automatic Parking Tower market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2021-2032

Global Automatic Parking Tower market shares of main players, in revenue (\$ Million), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Automatic Parking Tower

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key 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.

Market segmentation

Automatic Parking Tower market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Open Tower

Closed Tower

Market segment by Parking Capacity

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