

Automated Vertical Vehicle Stacking System

This automated system is designed for the vertical stacking of vehicles to maximize parking space. It features multi-level platforms and a robust frame, making it suitable for urban environments.



ADDITIONAL IMAGES



System Overview

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This automated roadway stacking parking system is engineered for maximum space efficiency in urban environments. Featuring a multi-level structure and high-speed lifting platforms, it significantly optimizes parking capacity while reducing traffic congestion. The system supports flexible operation methods and is designed to accommodate extra-large vehicles, making it an ideal solution for constrained urban parking projects.

Performance Specifications

Lifting Speed

30 m/min

Lifting Speed

30 m/min

Transverse Speed

Lifting Motor Power

5.5 kW

Vehicle Capacity

Supported Vehicle Dimensions

Dimension	Value
Length	5300mm
Width	1900mm
Height	1550mm / 2000mm

System Configuration

Capacity per Tower	10-60 spaces
Entry/Exit Method	Forward entry and exit

Control & Operations

Operation Methods

- RF card
- Keyboard operation
- Full voice prompts
- Telephone remote control
- Touch screen (optional)

Technical Details

Equipment Weight	2350 kg
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