CAR PARKING

LP system

AUTOMOTION PARKING SYSTEMS
Car Parking LP System
The LP system is our solution for long and narrow sites. Based on a modular concept that can be built above or below grade, the LP easily adapts to meet the space requirements of any prospective parking location. The LP accommodates a variety of car heights, adding to its flexibility. Like all Automotion parking systems, the LP retrieves cars quickly, minimizing the driver’s wait time. In addition, the LP’s rotating turntable platform positions the vehicle toward the exit, allowing the driver to proceed immediately forward.

Features: LPM System
- Double and mixed row configurations
- Transfer room is centrally located above the vehicle storage and retrieval unit
- Turntable can be installed with or without wall plates*

*Wall plates may be needed to maintain the structural integrity of the building.

CONSUMER BENEFITS
- Safe, Secure and Convenient
  - No one enters the car, personal belongings are secure
  - No scratches, dents, or dings
  - Retrieval in less than 2 minutes for all system applications
- Improves customer parking experience
- System designed to eliminate the possibility of damage to vehicles
- Environmentally friendly
  - Consistent with "Green" building requirements – LEEDS
  - Eliminates harmful emissions – no running engines
- Reduced infrastructure costs
  - Limits underpinning, excavation costs, as well as site preparation
- Reduced labor costs
- Reduced operations costs
- Optional features
  - Fully integrated user interface and cash management system
  - Car wash
  - Remote management
  - Redundant power supply
- Research & Development
  - Bomb detection
  - High security facility

GROUNDBREAKING ADVANCES
- Maximizes land use and parking revenues
  - 2 to 3 times more spots than the conventional parking equivalent
  - Parking spaces can be created where previously impossible
  - Significantly increases project’s financial performance
- Improves customer parking experience
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If the ceiling is higher than 19.5”, the pit’s dimensions must be increased accordingly.

Dimension Z depends on the car height:
- Car height = 63” Z = 68”
- Car height = 79” Z = 83.5”

The LP system allows for many possible car heights.
Features: LPS System

- Double and mixed row configurations
- Transfer room is located laterally above the shelves
- Turntable can be installed with or without wall plates*
- Elevator quick change system minimizes access times
- Elevator can be adapted based on ceiling height

Shared Features: LPM and LPS
Dimensions of parking platform 17.1’ (205”) x 7.2’ (86.5”)*
*Assumes vehicle dimensions of 200” (16.7’) L x 83” W.
All dimensions refer to these platform dimensions.

Pallet dimensions customized
X without wall plates / Y with wall plates 30 cm
2 and 3 levels: X = 7” / Y = 24”
4 and 5 levels: X = 8.5” / Y = 27.5”
6 and 7 levels: X = 9” / Y = 29”

Dimensions for free-standing systems are available upon request.
Control cabinets must be installed in a room with a minimum surface area of 8.5’ (102”) x 70” and a height of 86”. Please note that the control cabinets should be located close to the transfer room.
Automotion is an innovative parking system that combines a traditional elevator parking system with computerized guidance software. This allows Automotion to maximize the number of cars a location can handle while automating the entire vehicle storage and retrieval process. Automotion Parking Systems employs a comprehensive staff of architects, engineers and automated site planning solution specialists to aid in the development of your project. Automotion Parking Systems is the leader in transient parking systems in The United States.

STOPA is one of the global leaders in automated storage systems with more than 1800 installed systems including car parking systems of more than 3000 fully automated parking spaces.

<table>
<thead>
<tr>
<th>SP System</th>
<th>LP System</th>
<th>TP System</th>
<th>UP System</th>
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<tbody>
<tr>
<td>Parking solution for a large number of parking spots and high-volume traffic</td>
<td>Parking solution for narrow buildings</td>
<td>Parking solution for spaces with minimum surface area and high headroom</td>
<td>Universal parking solution</td>
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Carbox System

Parking solution for a maximum of 20 parking spots

- Suitable for long-term parkers only
- Single or double row configurations
- Installation above or below grade
- Turntable optional