Automated Car Parking System

www.hitech.lk
Our Parking Products

- Single /Dual Car lift for small parking areas.
- Semi-automatic systems.
- Fully automatic systems.

Customized Solutions for your parking system
Advantages of Hitech Parking Systems

- No more hunting for parking spaces
- Space-saving accommodation of vehicles
- Reserved greenery areas, playgrounds, etc.
- Comfortable and secure parking and access to parking spaces
- Solutions for almost all parking situations
- Top-quality products with exceptional service life and Intrinsic value
- Low operating and maintenance costs
- 24 hours customer care
**Dual Car Parking System**

Designed for single/two cars for small parking areas. The offered systems are applicable in residential complexes and commercial zones and they help in saving space in highly crowded parking lots. These are easy to install, comfortable to operate and are capable of bearing heavy loads owing to their sturdy built.
Semi-Automated Car Parking System

These systems can be individually configured for each building, project, and parking requirement.

- Car Stacking Garage
- Useful for vertical parking lifts
- Comprehensive safety features
- Simple user friendly access interface system
Fully Automated Car Parking System

We are instrumental in providing to our valuable customers excellent quality fully automated Car Parking System which is available with following Features:-

- Simple Operation and Easy Maintenance
- Easy and Independent Parking
- Simple user friendly access interface system
- Rugged steel design
Car Parking Lights

UD give an indication to LED Lamp

Available

Occupied

LED Guidance Lamp
Protective device

**Anti-dropping device:** to prevent the vehicle loading pallet from undesired disconnection.

**Limited switch device:** to protect the equipment running.

**Emergency switch:** the emergency switch button is used to cut power off when there is anything abnormal during the equipment process.
Types of Parking System

Doors

Transfer cabin

Vehicle dimensions

Types with transfer cabin

With one door:
- Drive in forwards
- Drive out backwards

With two doors:
- Drive in forwards
- Drive out forwards

With one door and turning platform:
- Drive in forwards
- Drive out forwards

With turning platform:
Transfer cabin with the variable angle in relation to the system

Dimensions in cm. All information subject to technical modifications.

1 Plain text display
2 Length monitoring
3 Possible switching cabinet position
4 Width monitoring
5 Pallet occupied
6 Length monitoring
7 Height monitoring
8 Operator panel
9 Entrance door
(work area doors may also be required depending on the system)

* Other vehicle dimensions are possible on request. It is also possible to have different vehicle heights on different levels.

* These dimensions can deviate for various systems depending on the system size. Please contact Klaus Multiparking for additional information.
Space-optimizing technology: Automatic parking systems

Hitech automatic parking systems have the following features:

- More living space is available because of the minimal space requirements.
- If less space is used for construction, the construction costs remain low.
- An elevator is not needed for people when parking.
- Personnel costs are reduced and energy costs are kept low.
- The exhaust gas and above all the CO2 emissions are substantially reduced.
- Protection against theft and vandalism is much better than in a conventional multi-story parking garages.
- Parking is extremely comfortable because the driver does not have to drive into and walk back out of the parking garage.
Shelf System

Configuration possibilities
Transfer cabin

* These dimensions can deviate for various systems depending on the system size. Please contact Klaus Multiparking for additional information.

System types
# Specifications:

<table>
<thead>
<tr>
<th>Name</th>
<th>Parking Lift</th>
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<tbody>
<tr>
<td>Model</td>
<td>PTJ 601-32</td>
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<tr>
<td>Dimension</td>
<td>4810<em>2667</em>2084mm</td>
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<tr>
<td>Weight of parking car</td>
<td>3200kg</td>
</tr>
<tr>
<td>Rated speed</td>
<td>2.2 m/min</td>
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<tr>
<td>Lifting height</td>
<td>1850mm</td>
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<tr>
<td>Warming devices</td>
<td>Yes</td>
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<tr>
<td>Mode of operate</td>
<td>Button / IC card / Remote key</td>
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<tr>
<td>Mode of control</td>
<td>Hydraulic control / PLC control</td>
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<tr>
<td>Mode of drive</td>
<td>Hydraulic driving, chain balance</td>
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<tr>
<td>Motor power</td>
<td>380v, 3 phase; 220v single phase</td>
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<tr>
<td>Package size</td>
<td>4200<em>630</em>630mm</td>
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<tr>
<td>Max. collection times</td>
<td>90 s</td>
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<tr>
<td>Control way</td>
<td>PLC</td>
</tr>
<tr>
<td>Operational type</td>
<td>Touch screen, IC card</td>
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</tbody>
</table>
Our Services

- Industrial Automation
- Machine Design & Fabrications
- Product Development
- Vision based Automation
- Image Processing
- Machine Maintenance & Servicing
- System Software Development
- Industrial Training/ Consultation