Robotic Parking Systems, Inc.

Building a better world with the biggest ideas in automated parking.
BENEFITS

Robotic Parking Systems offer numerous benefits over conventional ramp style garages or parking lots.
CREATE SPACE

DO MORE ... WITH LESS

THE PRINCIPLE:
Use half the space
– OR –
Double the parking.

Developers gain more revenue
generating space. Or, the space
saved can be used for green space
and open areas to help meet LEED standards.
An actual example of saving space for a project.

Concrete Ramp Parking = 684 spaces / Robotic Parking Systems = 2314 spaces. The footprint is 328 feet by 168 feet. Conventional is 7 levels with a height of 97.44 feet. RPS is 11 levels with a height of 115 feet. Throughput is 425 cars / hour.
INCREASE REVENUE

Robotic Parking Systems add value to any development project by:

- Increasing revenue generating space
- Lowering development costs
- Lowering overall operations costs

Robotic Parking Systems Economic Model

- Conventional Parking: 2,300 Cars, 17 office floors, 23 parking floors
- Robotic Parking Systems: 3,400 Cars, 25 office floors, 15 parking floors

Robotic Parking Systems create more revenue generating space.

+47% office space
+48% parking space
INCREASE SECURITY

Robotic Parking Systems add value to any development project by:

• Increasing revenue generating space
• Lowering development costs
• Lowering overall operations costs
GREEN PARKING

Robotic Parking Systems is eco-friendly:
• Using 50% less space to park the same number of cars.
• Reducing traffic congestion and the pollution caused by people driving around and around looking for a place to park, and
• Reducing pollution inside the garage by using electromechanical automated parking machinery to move cars into parking spaces.
• No cars run inside the garage, and there is no driving up and down ramps and through aisles in search of a parking space.
PREMIUM VALET SERVICE

- Access to the parking facility is limited to street level terminals.
- No more walking around parking decks, waiting for elevators or climbing up and down stairs.
- No more remembering where the car is parked or searching for it.
- Valet service ease - but you keep your keys.
REDUNDANCY & RELIABILITY

- Redundant machines and components.
- No single failure will result in system being inoperable.
- Fault tolerant servers guarantee continuous availability.
- Sophisticated diagnostics and remote access.
- 24 / 7 hotline.
- Emergency power generator.
- Unprecedented up-time.
REDUCE LIABILITY

Underwriters reviewed the design and processes of the Robotic Parking System and were very favorable.

In a detailed review by Best Underwriting Guide, the Robotic Parking System was assigned a low hazard risk in several categories.
ROBOTIC PARKING SYSTEMS

Robotic Parking Systems is ISO 9001:2015 certified and holds several world records.
2018 GUINNESS WORLD RECORD

It became official in February, 2018. For the second time a Robotic Parking Systems' facility was awarded the Guinness World Record for the Largest Automated Parking Facility in the world - 2,314 spaces.
AL JAHRA COURT COMPLEX KUWAIT

2018 Guinness World Record holder for *Largest Automated Parking Facility*.

A 2314 space automated car park for Amiri Diwan Al Jahra Court Complex in Kuwait.

The facility is a combination of 684 concrete ramp parking spaces plus the 2314 automated spaces.

Certified peak traffic throughput of 425 cars per hour inbound/outbound and average single retrieval of 177 seconds.

<table>
<thead>
<tr>
<th>Number of Spaces</th>
<th>2350</th>
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</thead>
<tbody>
<tr>
<td>Type of Garage</td>
<td>RPS 1000</td>
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<tr>
<td>Footprint</td>
<td>328 ft x 168 ft</td>
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<tr>
<td>Height</td>
<td>115 ft (RPS)</td>
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<tr>
<td>Levels</td>
<td>11</td>
</tr>
<tr>
<td>Entry / Exit Terminals</td>
<td>12</td>
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</tbody>
</table>
EMIRATES FINANCIAL TOWERS (EFT)

Designed and manufactured the machinery and automation.

EFT previously held the Guinness World Record for *Largest Automated Parking Facility* at 1191 spaces.

<table>
<thead>
<tr>
<th>Number of Spaces</th>
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<tbody>
<tr>
<td>Type of Garage</td>
<td>RPS 1000</td>
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<td>Footprint</td>
<td>320 ft x 120 ft</td>
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<tr>
<td>Height</td>
<td>72 ft</td>
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<td>Levels</td>
<td>9</td>
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<tr>
<td>Entry / Exit Terminals</td>
<td>9</td>
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</table>
EMERGING TECHNOLOGIES – CASE

Robotic Parking Systems can easily integrate with emerging technologies. We oriented our system around Mercedes-Benz CASE (1).

**Connectivity:** Through Cimplicity® software from GE Automation, Robotic Parking System is connected and can receive and share information on an open network.

**Autonomous Driving:** We developed a partnership with Bosch to facilitate the parking of “autonomous driving cars.”

**Sharing and Services:** Communications exist to handle car sharing, fleets and servicing cars.

**Electrification:** Designed to include automatic electric car charging stations. The owner just plugs the cable in our entry terminal to the car.

(1) CASE strategy as defined by Mercedes-Benz at the Paris Automobile Show in 2016.
SUMMARY –

Robotic Parking Systems offer an innovative parking solution with premium advantages for everyone.

• More spaces and better parking experience.
• Better safety and security for individuals and their cars.
• Less congestion.
• True redundancy, speed and reliability.
• Proven in multiple facilities over more than 14 years.
• Automation is based on international automation experts – GE.
• Integrates with emerging technologies in transportation.
CONTACT US

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