



P1 / GUINNESS WORLD RECORD FOR LARGEST AUTOMATED PARKING FACILITY

Robotic Parking Systems Inc awarded world record in 2018.



P2 / OPTIONAL ROBOTIC PARKING ELECTRIC VEHICLE CHARGING

Electric vehicle charging is offered as an option to the Robotic Parking System.



P3 / ROBOTIC PARKING COMPLIES WITH NFPA 88A FIRE CODES

Alleviate concerns related to fire safety in automated parking structures.



P4 / REFERENCE — ZUHLKE ENGINEERING AG

“... over 23 years of experience with system design, installation and operations.”

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ROBOTIC PARKING SYSTEMS INC NEWSLETTER

ISSUE 37



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.

Robotic Parking Systems was contracted for the design, manufacture of the machinery and automation, installation, start up of operations and maintenance for

a 2,314 space automated parking facility for the Al Jahra Court Complex in Kuwait. M A Kharafi was the general contractor on this project for Amiri Diwan of Kuwait –

the office of the Amir of Kuwait.

Robotic Parking Systems Inc. also designed and manufactured the

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“ For the second time, a Robotic Parking Systems' facility was awarded the Guinness World Record ... ”

GUINNESS WORLD RECORD FOR LARGEST AUTOMATED PARKING FACILITY – 2,314 SPACES – GOES TO ROBOTIC PARKING

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previous record-holding automated parking facility at the Emirates Financial Towers.

[See the Guinness World Records listing.](#)

This facility was designed as a combination of 684 concrete ramp parking spaces with 2314 automated spaces on top. The Robotic Parking System provides almost 3.5 times the number of parking spaces in approximately the same volume.

Peak traffic throughput for this Robotic Parking System is 425 cars per hour delivered through the 12 grade level entry / exit bays that service the garage. That's a capacity to deliver almost 7 cars each and every minute! The performance of the facility exceeded the contract requirements of 400 cars per hour throughput and an average of 220 seconds single retrieval time.

AL JAHRA COURT, KUWAIT	
Number of Spaces	2314
Type of Garage	RPS 1000
Footprint	328 ft x 168 ft
Height	115 ft
Levels	11
Entry / Exit Terminals	12
Cars / Hour (TUV Certified)	425
Avg Retrieval (TUV Certified)	177 seconds



[See the TUV Performance Certificate.](#)



OPTIONAL ROBOTIC PARKING ELECTRIC VEHICLE CHARGING ©

Robotic Parking Systems makes every effort to offer our clients options that integrate with the latest transportation technologies.

Our optional Robotic Parking Electric Vehicle Charging © station is available with all of our automatic parking garages. Once an electric car is driven into and parked in the terminal and the charging cord connected between the vehicle and the pallet, the system can automatically charge the vehicle with a 'Level 2' system at the parking slot. Costs for charging stations can be provided as separate line item.

Fire safety standards for automatic parking.

ROBOTIC PARKING COMPLIES WITH NFPA 88A FIRE CODES



ON THE WEB

PARK IT HERE BLOG

The Park It Here blog explores ways that Robotic Parking Systems technology might assist city planners, architects, civic groups, developers, environmentalists and other innovative thinkers seeking to enrich our cities. [Learn more.](#)

FACEBOOK

[Find us on Facebook.](#) You'll have access to photos, videos and up-to-date news on Robotic Parking Systems.



YOUTUBE

Our [YouTube channel](#) contains numerous videos of the Robotic Parking System.

TWITTER

Robotic Parking Systems create more space for design and development. [Follow us on Twitter.](#)

ROBOTICPARKING.COM

Our web site, roboticparking.com, contains pages and pages of product, technical information, tools, photos, videos, brochures and more.



Extinguish fires and alleviate any possible concerns related to fire safety!



We are often asked what fire codes apply to the Robotic Parking System and whether special fire-proofing is required.

Robotic Parking Systems Inc. fully complies with the codes outlined in NFPA 88A: Standard for Parking Structures. NFPA codes address fire-fighting, fire alarms, sprinklers, standpipes, escape routes and ventilation requirements including definitions and requirements for automated-type parking structures.

NFPA 13 "In-Rack Sprinklers" requires sprinklers about every 130 square feet. In our robotic parking garages, two sprinklers cover each pallet / parking

space.

The Robotic Parking System goes beyond requirements by adopting a water mist foam system used broadly in Europe that actually EXTINGUISHES a fire rather than regular water sprinklers which keep a fire within specific limits over a period of time.

[Check our blog for more details.](#)

The NFPA codes along with the additional steps our company takes to fully extinguish any potential fires alleviate any possible concerns related to fire safety.

[Click here to get a copy of the latest NFPA 88A codes.](#)

REFERENCE

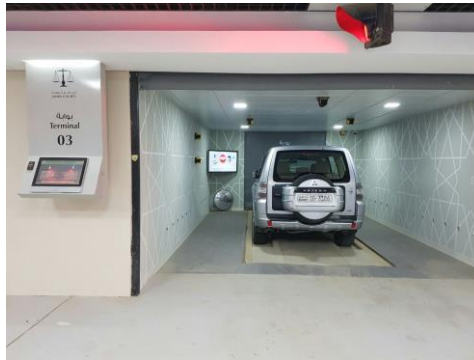
ZUHLKE ENGINEERING AG

“... over 23 years of experience with system design, installation and operations.”

Implenia, a leading construction company in Switzerland, contracted Zühlke Engineering AG to do a third-party technology audit and evaluation of the Robotic Parking System. The results were very favorable.

Here are some of the comments:

- Operational safety two-fold on each logical level: software and hardware.
- System is very solidly designed with lots of redundancy.
- Best practice compliance.
- Mature, extensible system: over 23 years of experience with system design, installation and operations.



PARKING FACTS:

With so much attention on the latest royal wedding, I thought this would be the perfect sign for my office parking space.



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