



Intelligent Car Parking Solutions

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About Us

IPARK Robotic Parking & Elevators LLC (An associate of Bahwan International Group) is the first company in Middle East established in 2012, which provides full range of customized automated car parking systems and elevator solutions.

IPARK adopts advanced robotics and world class technology to create efficient and optimized parking systems. As a pioneer in innovative industry, we enable businesses to highlight its modernity, competitiveness, and potential for providing a unique competitive advantage in the market.



Mission

Our mission is to be a leading solution provider for car parking systems, delivering unparalleled service and add value to our customers. We are committed to optimize parking management processes, maximizing space utilization, and implementing state-of-the-art technology.



Vision

Our Vision is to revolutionize the parking industry by providing innovative, efficient, and customer-centric solutions that enhance urban mobility and optimize space utilization.

Executed Projects

Ipark has successfully installed and handed over following prestigious projects in GCC countries.

► Hotel City Seasons, Al Ghubra, Muscat, Sultanate of Oman.

- Type of Parking - Tower
Parking system with pallets
- No. of Cars per Tower – 34 Cars / Tower
- Total No. of Parking – 306 Cars (9 Towers)
- Plot Area – 350 Sq. Mts.



► Safeway Co, LLC Madinat Al Sultan Qaboos Street. Sultanate of Oman

- Type of Parking -Tower Parking
- Total No of Parking - 124 Cars (5 Towers)



Al Habtoor Motors

Deira- Dubai



Al Habtoor Motors, Deira- Dubai

- Type of Parking - Cart/ Shuttle Parking System
- No. of Parking Levels – 4 levels
- Total No, of Parking – 104 Cars

► Ministry of Awqaf

Al Ghubra, Muscat, Sultanate of Oman.

- Type of Parking Shuttle Parking System
- Basement Height – 6.8 Mtrs
- No. of Parking Levels - 3 Levels
- Total No. of Parking – 66 Cars
- Plot Area – 550 Sq. Mtrs





► Muscat University

Al Ghubra, Sultanate of Oman

- Type of Parking – Pit Puzzle System
- No. of Parking Levels – 3 & 5 Levels
- Total No. of Parking – 278 Cars



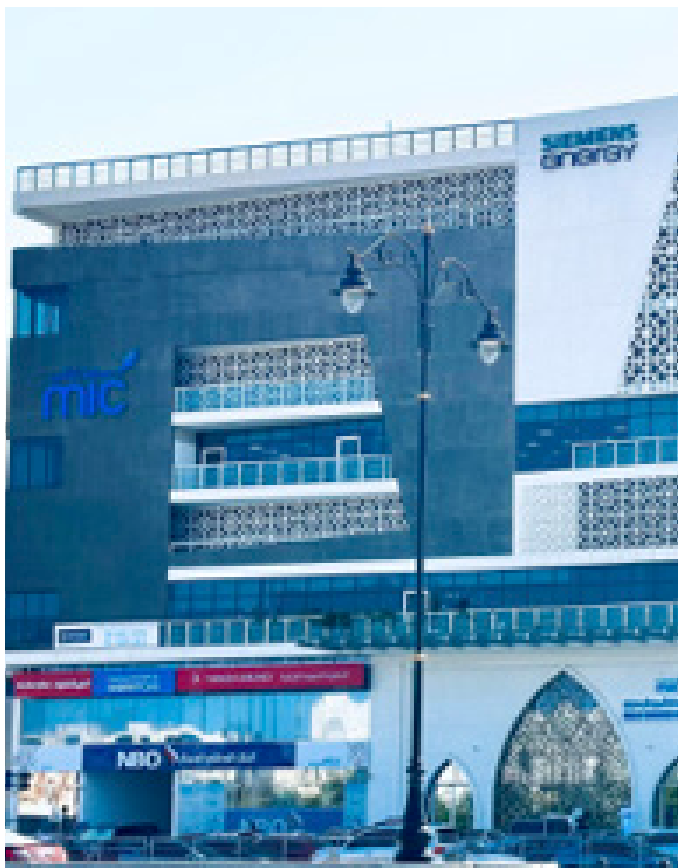


► Azaiba Mall

Al Khuwair, Muscat, Sultanate of Oman

- Type of Parking - Tower Parking System
- No. of Cars per Tower – 20 Cars





► Muscat Insurance Co. SAOG

Al Khuwair, Sultanate of Oman

- Type of parking – Tower Parking System
- No. of Cars per Tower – 420 Cars
- Total No. of Parking – 126 Cars (3 Towers)

► Shatti Qurum Commercial Complex

At Shatti Qurum, Sultanate of Oman.

- Type of Parking – Cart Parking system
- Total No. of Parking – 40 Cars



Stack Parking System

► Technical Parameters

- Lifting Motor – 2.2 / 3.7 kW
- Lifting Speed – 4.0 m/minute
- Drive – Chain / Wire Rope Drive
- Operation – Push Button
- Power Supply – Ac 400 V/50 Hz
- Three Phase, 5 wire
- Safety – Photo Electric Sensors

► Car Dimensions

- Car Length (Max) - 5200 mm
- Car Width (Max) - 2200 mm
- Car Height (Max) - 2000 mm
- Car Weight (Max) – 2300 Kg

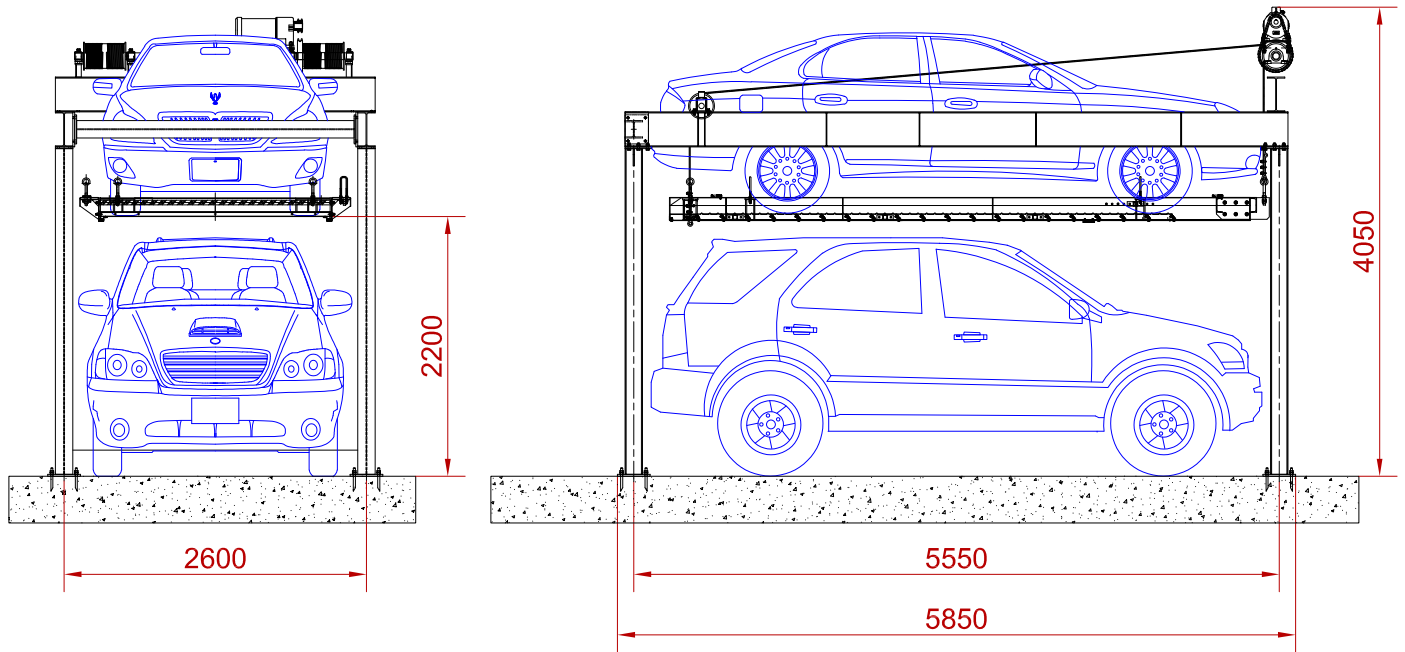
► Features

- Semi automated system
- Advanced Safety Features
- Installation feasibility
- Easy to Operate
- Doubled parking space
- Low maintenance



Customized Design as per Car Size and Space availability is available

Stack Parking System



Customized Design as per Car Size and Space availability is available

2 Level Puzzle Parking System

► Technical Parameters

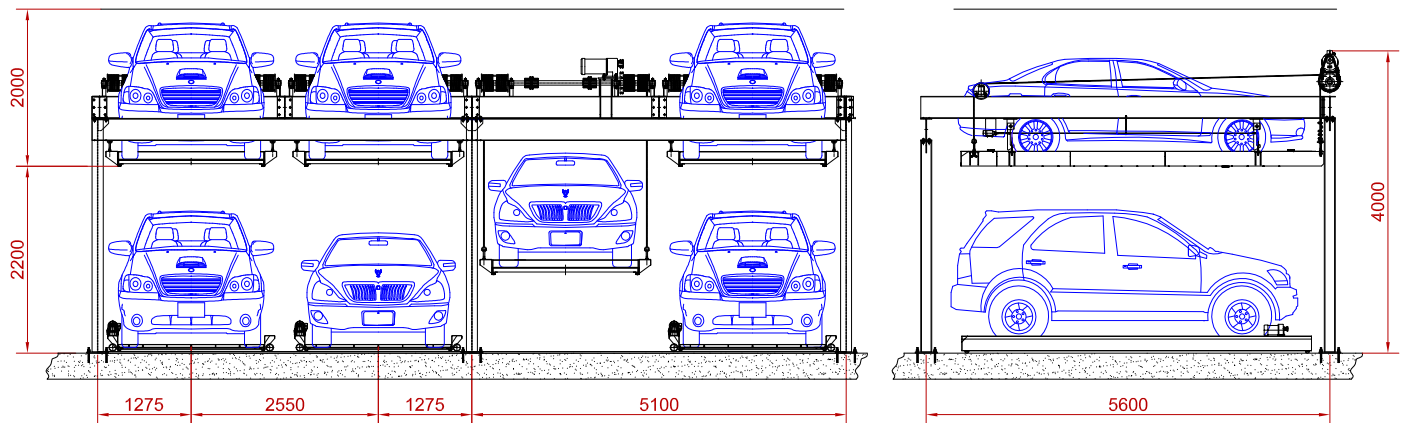
- Lifting Motor – 2.2 / 3.7 kW
- Sliding Motor – 0.37 KW
- Lifting Speed – 4.0 m/min
- Sliding Speed – 8.0 m/min
- Drive – Chain Drive/ Wire Rope Drive
- Operation – Touch Screen + Push Button
- Power Supply – Ac 400 V / 50 Hz
- (Three Phase, 5 wire)
- Safety – Photo Electric Sensors

► Car Dimensions

- Car Length (Max) - 5200 mm
- Car Width (Max) - 2200 mm
- Car Height (Max) - 2000 mm
- Car Weight (Max) – 2300 Kg

► Features

- Automated System
- Easy to Install
- Low Maintenance
- Modular type, can be relocated in short time.



Customized Design as per Car Size and Space availability is available

Multi Level Puzzle Parking System

► Technical Parameters

- Lifting Motor – 2.2 / 3.7 kW
- Sliding Motor – 0.37 KW
- Lifting Speed – 4.0 m/min
- Sliding Speed – 8.0 m/min
- Drive – Chain Drive/ Wire Rope Drive
- Operation – Touch Screen + Push Button
- Safety – Photo Electric Sensors

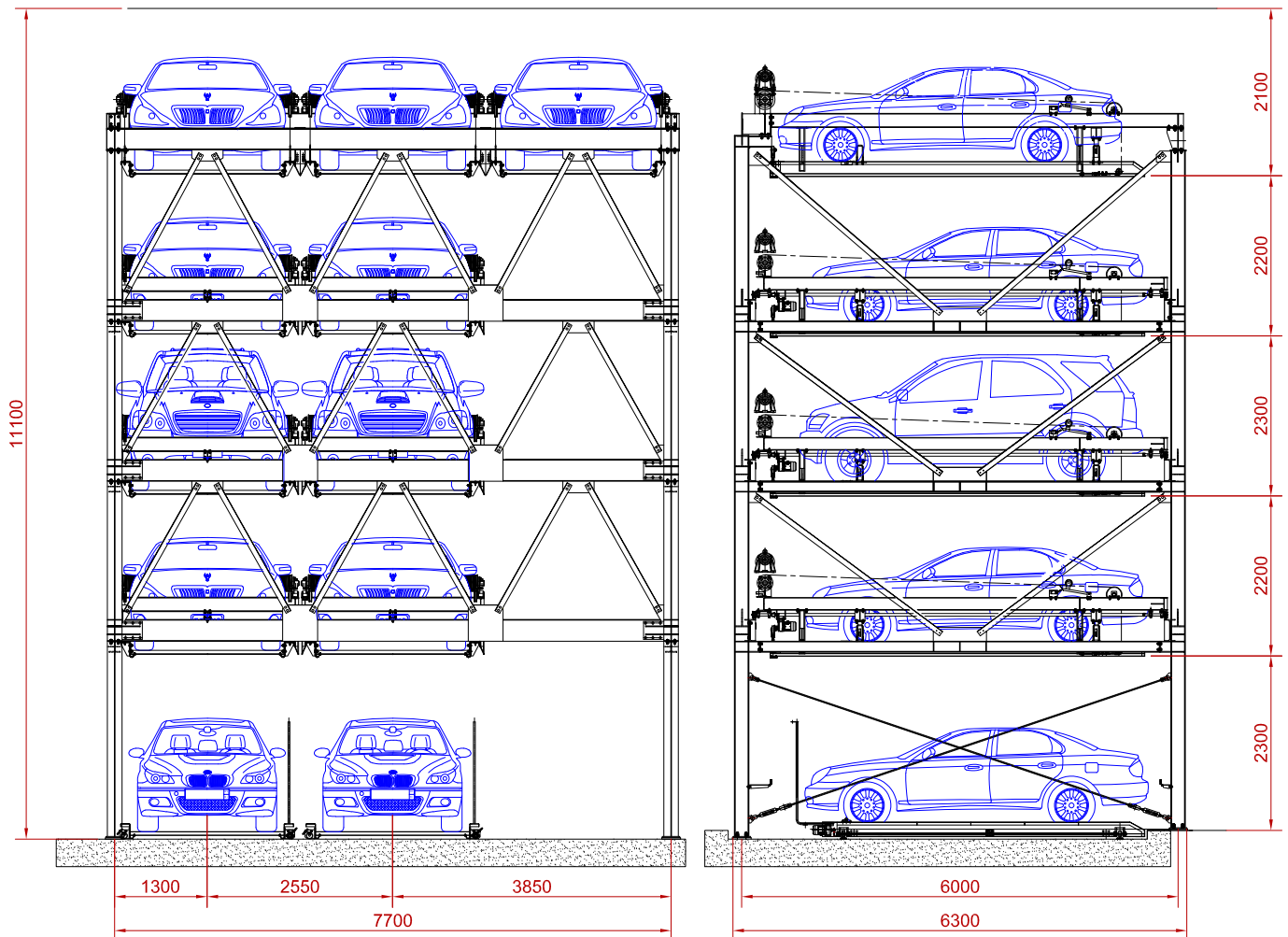
► Features

Anti-dropping steel frame protection,
Safe and convenient Easy to install,
Anti Corrosive Pallets

- Suitable for above ground level parking
- Upper level pallets can be ascended and descended
- Ground level Pallets sliding horizontally
- Flexible modular type steel structure
- Cost Effective

► Car Dimensions

- Car Length (Max) - 5200 mm
- Car Width (Max) - 2200 mm
- Car Height (Max) - 2000 mm
- Car Weight (Max) – 2300 Kg



Customized Design as per Car Size and Space availability is available

Pit Puzzle Parking System

► Technical Parameters

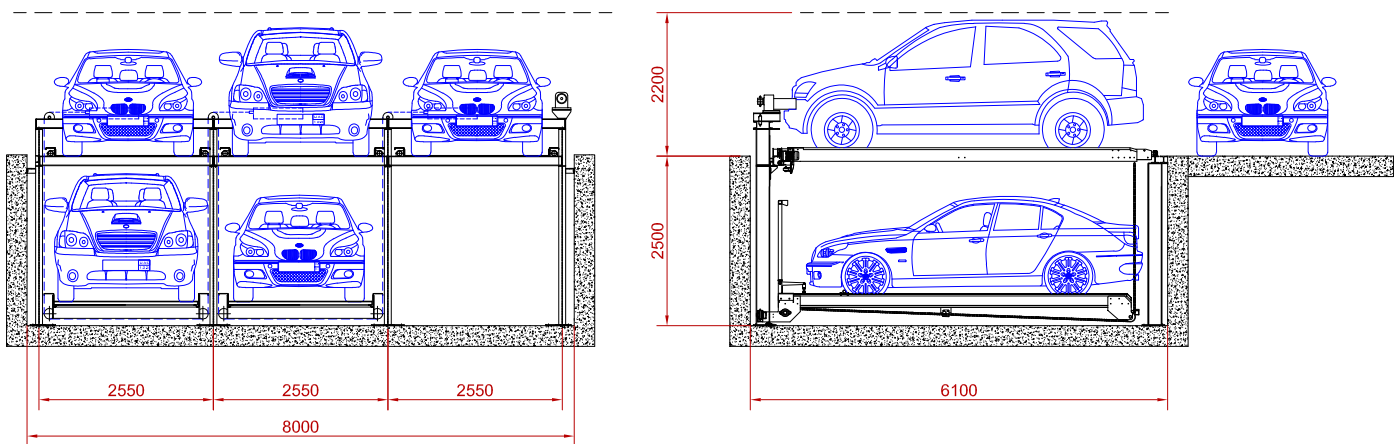
- Lifting Motor – 2.2 / 3.7 kW
- Sliding Motor – 0.37 KW
- Lifting Speed – 4.0 m/min
- Sliding Speed – 8.0 m/min
- Drive – Chain Drive/ Wire Rope Drive
- Operation – Touch Screen + Push Button
- Power Supply – Ac 400 V / 50 Hz
- (Three Phase, 5 wire)
- Safety – Photo Electric Sensors

► Car Dimensions

- Car Length (Max) - 5200 mm
- Car Width (Max) - 2200 mm
- Car Height (Max) - 2000 mm
- Car Weight (Max) – 2300 Kg

► Features

- Semi- Automated System
- Easy to Install
- Low Maintenance
- Modular type, can be relocated in short time



Customized Design as per Car Size and Space availability is available

Shuttle Parking System - with Pallets

► Technical Parameters

- Lifting Motor – 11.0 / 30.0 kW
- Sliding Motor – 0.75 – 2.2 KW
- Lifting Speed – 40 – 60 m/min
- Shuttle Travel Speed – 40 - 60 m/min
- Pallet transfer Speed – 40 - 60 m/minute
- Turn Table Speed – 2 RPM
- Operation – Touch Screen + RFID card
- Power Supply – Ac 400 V / 50 Hz
- (Three Phase, 5 wire)
- Entry/ Exit – Auto Doors

► Car Dimensions

- Car Length (Max) - 5200 mm
- Car Width (Max) - 2200 mm
- Car Height (Max) - 2000 mm
- Car Weight (Max) – 2300 Kgc

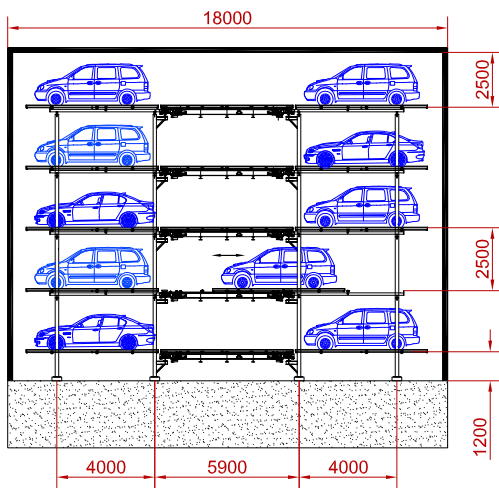
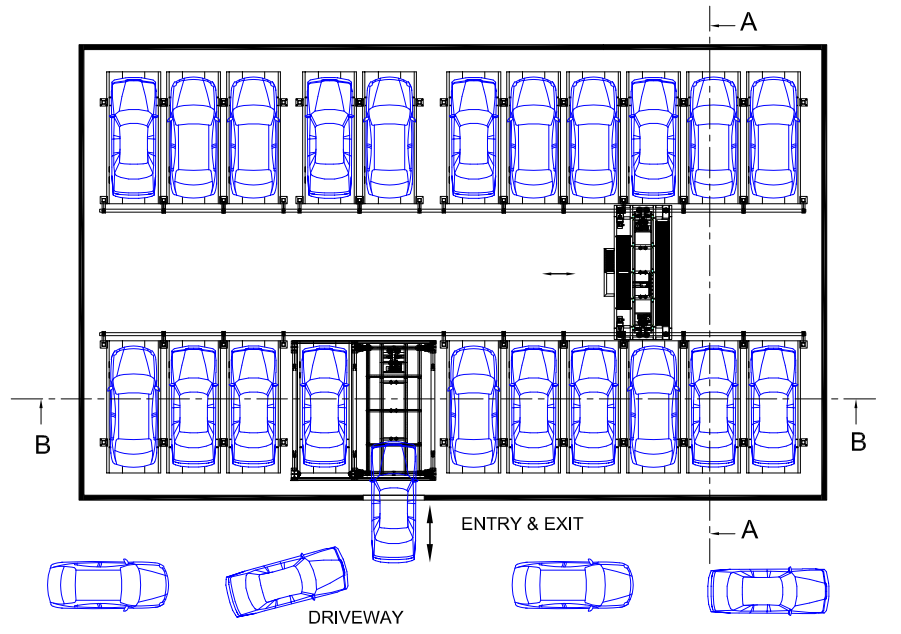
► Features

- Fully automated Parking system
- Each car is checked for the sizes at Parking Room
- Parking guidance in each Parking room
- Turn Table for easy drive out
- Multiple Elevators can be provided to minimize cycle time

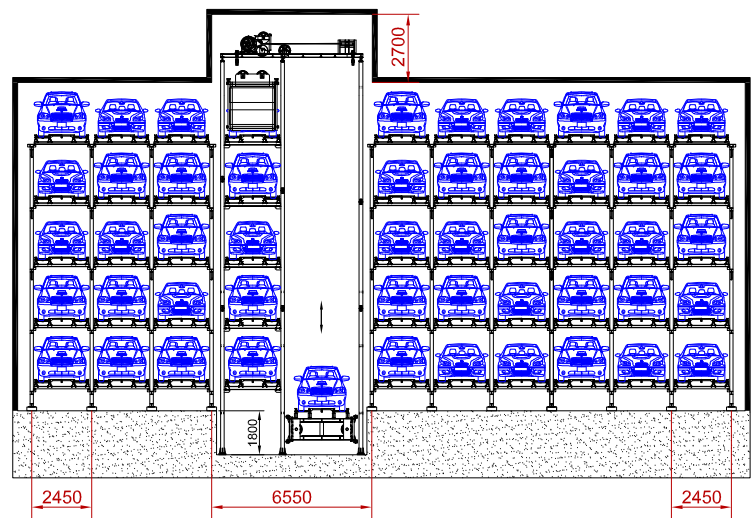


Customized Design as per Car Size and Space availability is available

Shuttle Parking System - with Pallets



SECTION "A-A"



SECTION "B-B"

Customized Design as per Car Size and Space availability is available

Shuttle Parking System - with Robot

► Technical Parameters

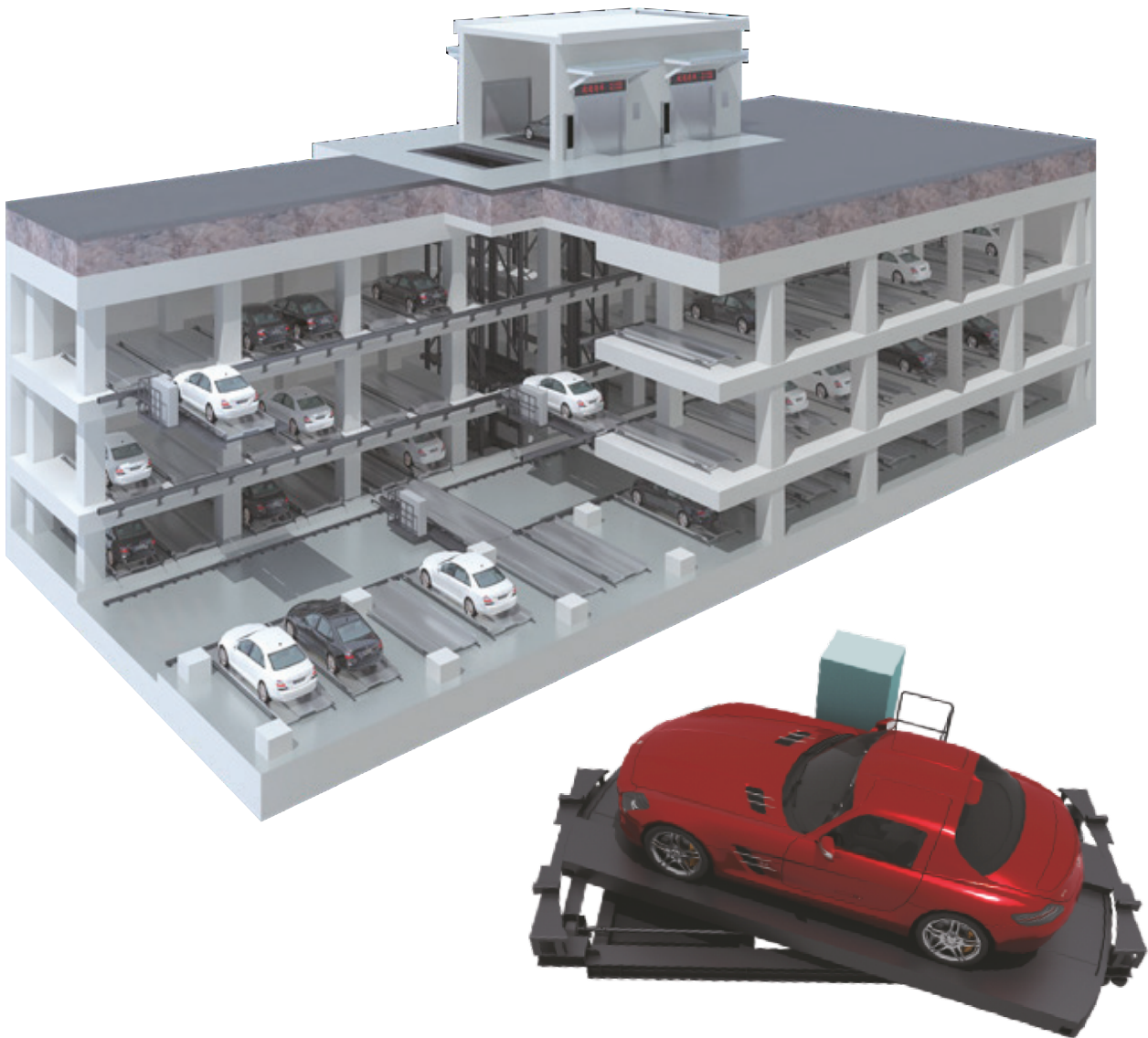
- Lifting Motor – 11.0 / 30.0 kW
- Sliding Motor – 0.75 – 2.2 KW
- Lifting Speed – 40 – 60 m/min
- Entry/ Exit – Auto Doors
- Shuttle Travel Speed – 40 – 60 m/min
- Robot transfer Speed – 40 – 60 m/minute
- Turn Table Speed – 2 RPM
- Operation – Touch Screen + RFID card
- Power Supply – Ac 400 V / 50 Hz
- (Three Phase, 5 wire)

► Car Dimensions

- Car Length (Max) - 5200 mm
- Car Width (Max) - 2200 mm
- Car Height (Max) - 2000 mm
- Car Weight (Max) – 2300 Kg

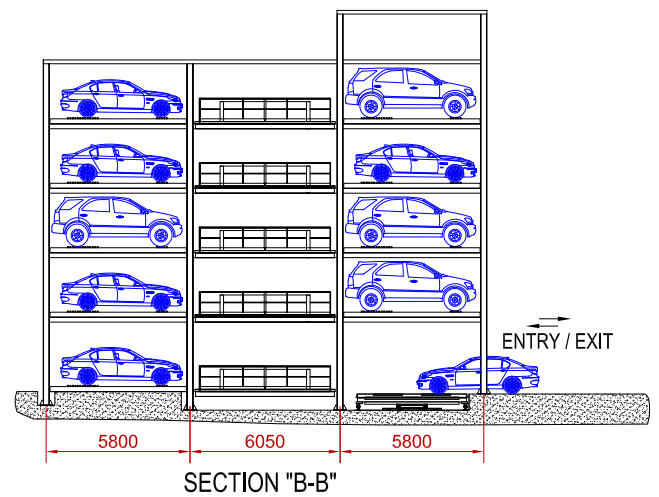
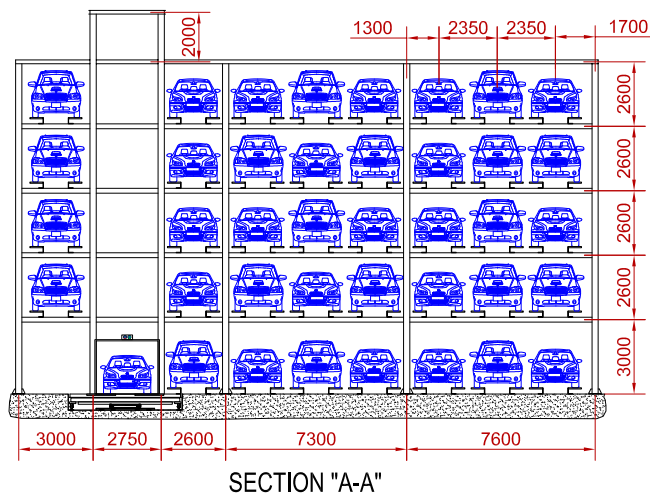
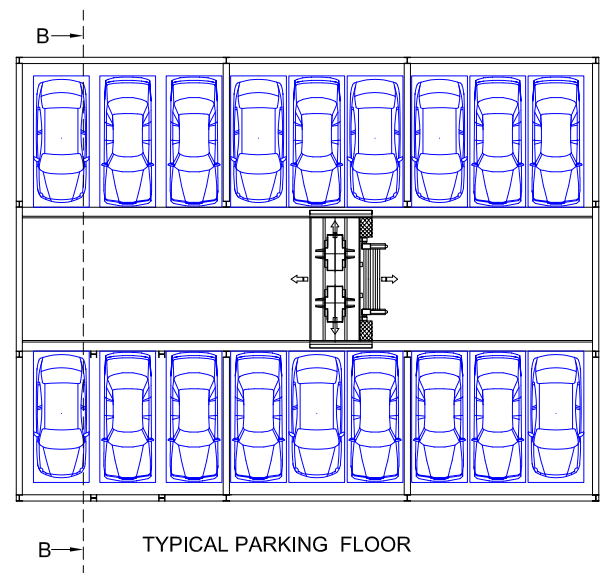
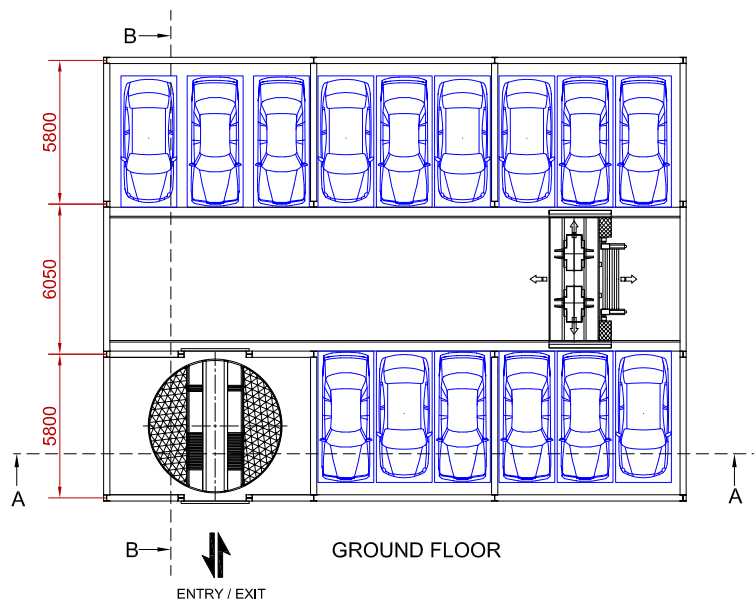
► Features

- Fully automated Parking system
- Each car is checked for the sizes at Parking Room
- Parking guidance in each Parking room
- Turn Table for easy drive out
- Multiple Elevators can be provided to minimize cycle time



Customized Design as per Car Size and Space availability is available

Shuttle Parking System - with Robot



Customized Design as per Car Size and Space availability is available

Robotic Tower Parking System

► Technical Parameters

- Lifting Motor – 11.0 / 30.0 kW
- Lifting Speed – 50 – 80 m/minute
- Transfer Speed- 30-50 m/minute
- Lifting Method- Steel Rope/ Chain
- Turn Table Speed- 2 RPM
- Operation – Touch Screen/ RFID card
- Power Supply – Ac 400 V/50 Hz
- Three Phase, 5 wire
- Entry/ Exit – Auto Doors

► Features

- Robot used for picking of Cars
- Car lift is equipped with both horizontal and vertical movements
- Parking and retrieval of cars at ground level
- Smooth traffic flow can be designed according to site conditions.
- Steel Structure/ RCC structure can be used

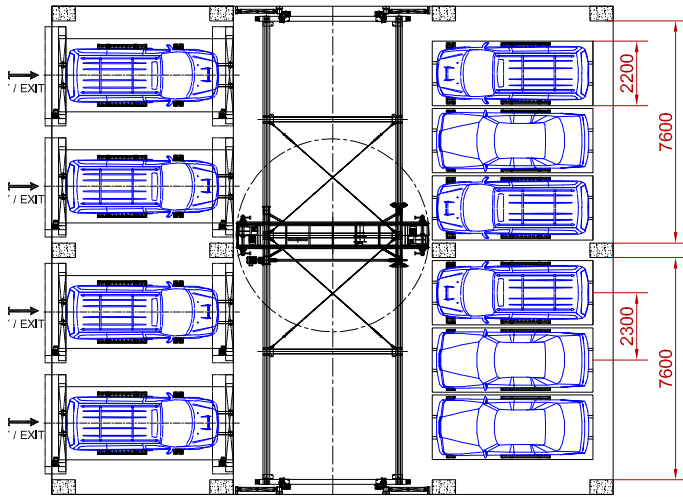
► Car Dimensions

- Car Length (Max) - 5200 mm
- Car Width (Max) - 2200 mm
- Car Height (Max) - 2000 mm
- Car Weight (Max) – 2300 Kg

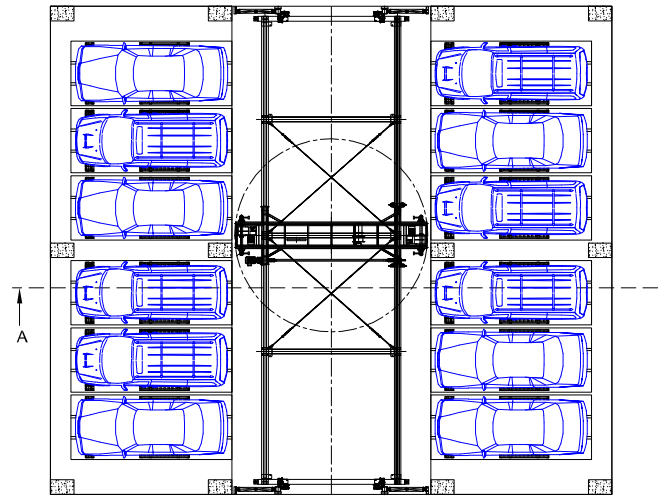


Customized Design as per Car Size and Space availability is available

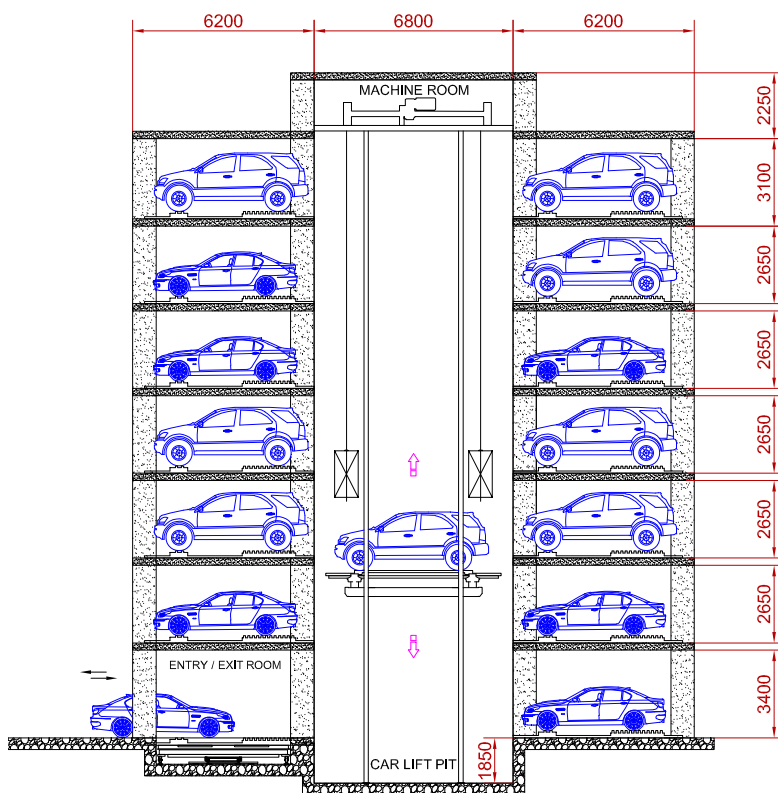
Robotic Tower Parking System



GROUND FLOOR



TYPICAL FLOOR



Customized Design as per Car Size and Space availability is available

Tower Parking System with Pallets

- Floor Space of 8 X 7 Mtrs required for parking 40 to 50 cars
- Pallets are used for parking of cars
- Parking/ Retrieving of all the cars shall be at Ground level
- This system can be used for above ground for a height of 50 Mtrs
- Centre Part of the system is used for vertical movement of cars
- Both sides of tower are used for Parking of cars.

► Features

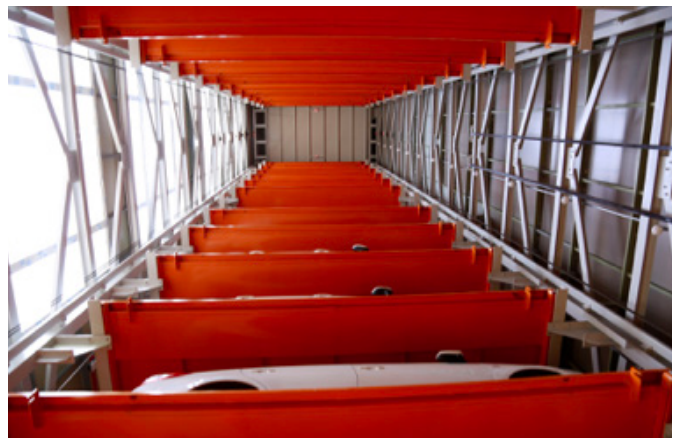
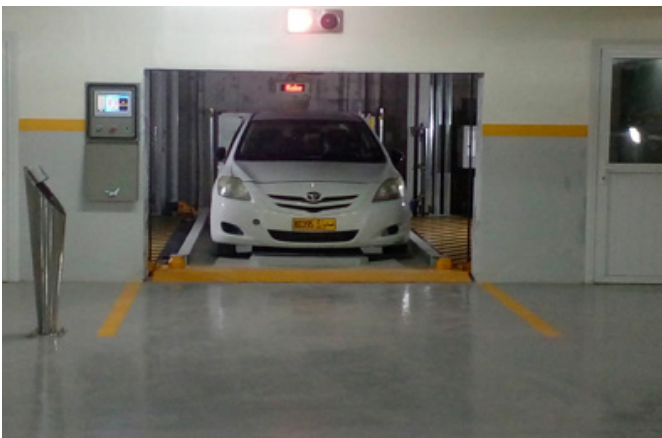
- Fully Automated Parking System
- Car is directly parked on Car Lift
- Maximum utilization of vertical space for parking
- No ramps required, car is vertically lifted up and parked on sides
- Safe and Fast
- Turn table can be provided for easy drive out

► Car Dimensions

- Car Length (Max) - 5200 mm
- Car Width (Max) - 2200 mm
- Car Height (Max) - 2000 mm
- Car Weight (Max) - 2300 Kg

► Echnical Parameters

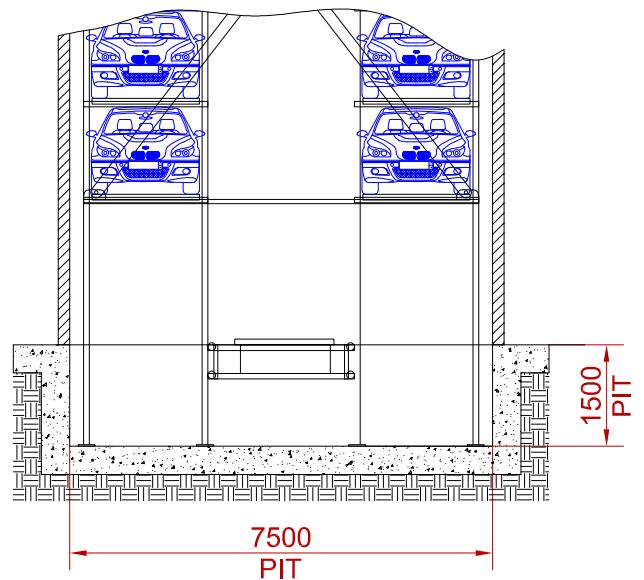
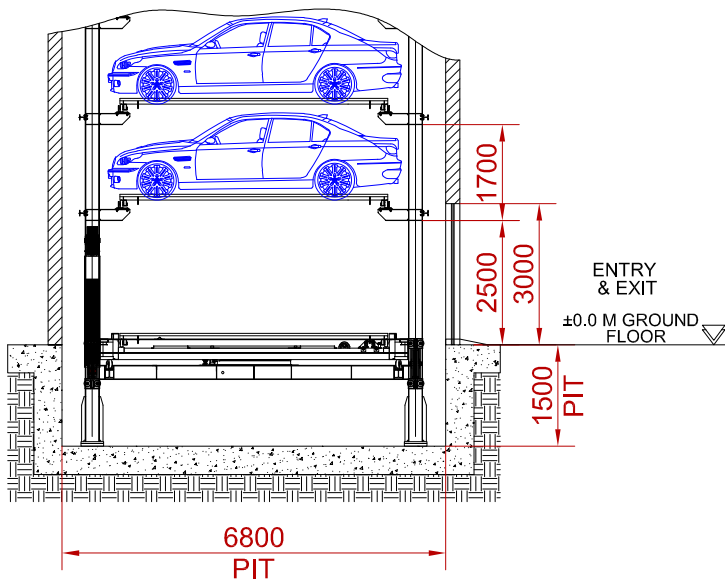
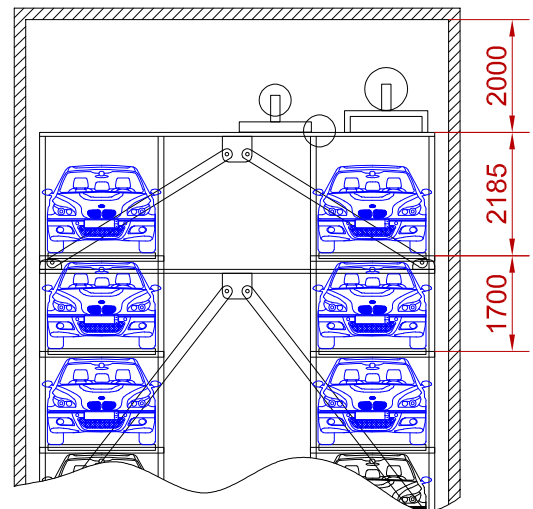
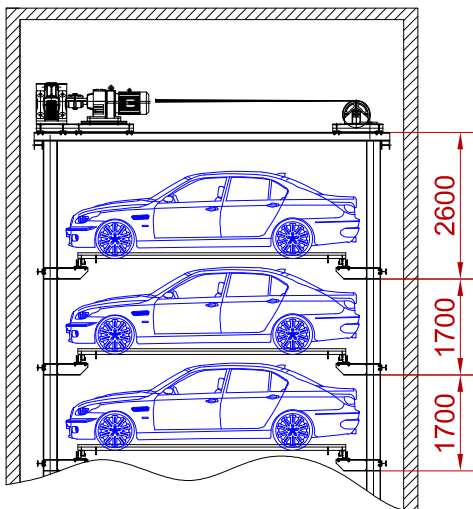
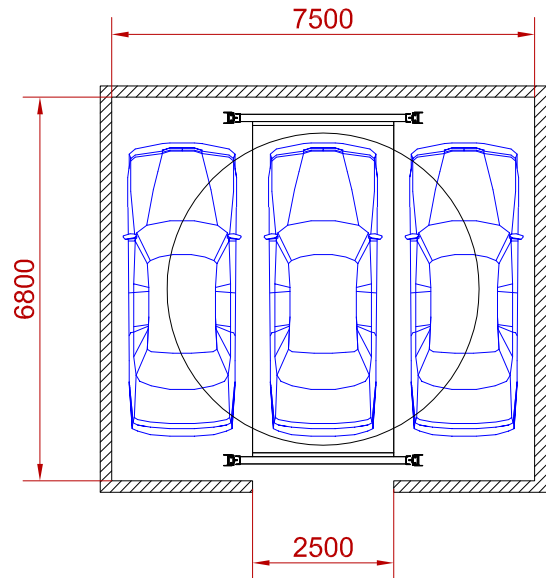
- Lifting Motor – 22.0 / 30.0 kW
- Lifting Speed – 50 – 60 m/min
- Turn Table Speed – 2 RPM
- Operation – Touch Screen + RFID card
- Power Supply – Ac 400 V / 50 Hz
- (Three Phase, 5 wire)
- Entry/ Exit – Auto Doors



Customized Design as per Car Size and Space availability is available

Tower Parking System with Pallets

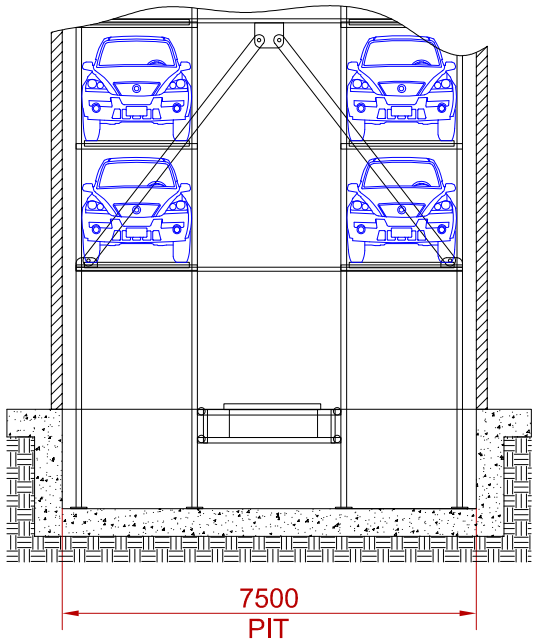
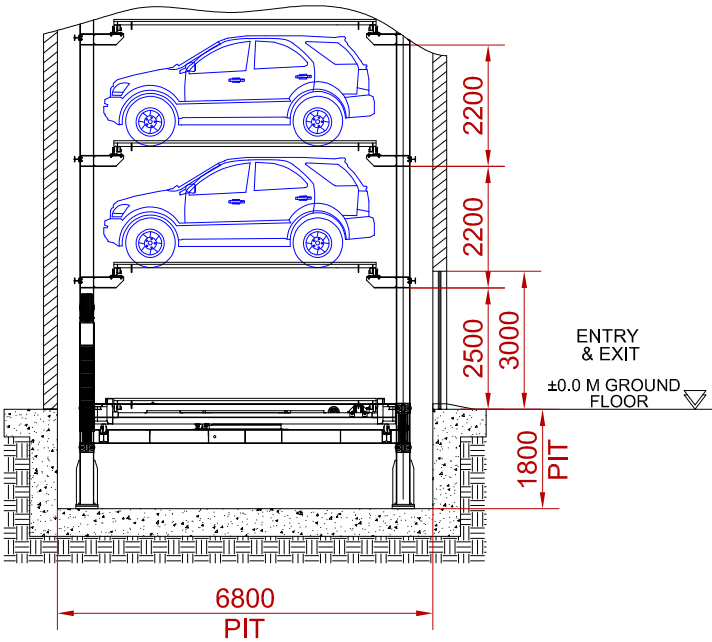
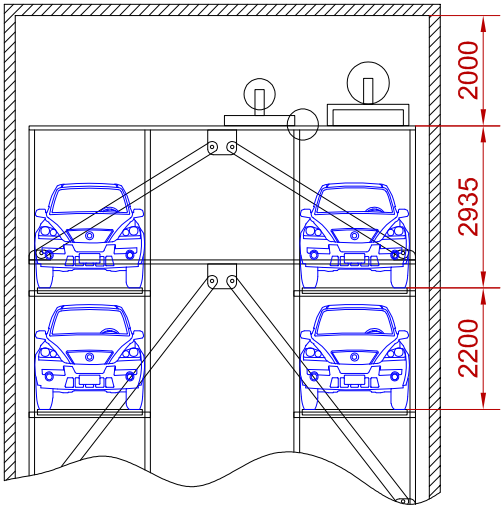
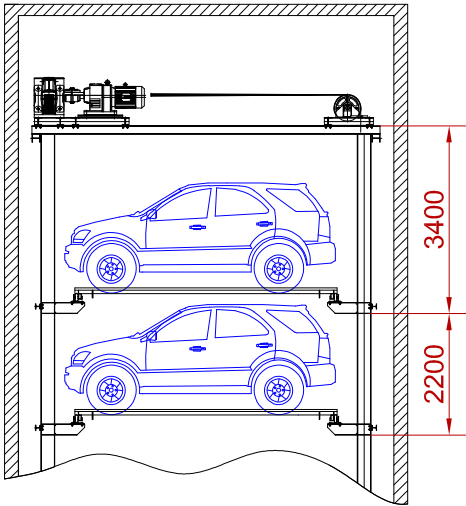
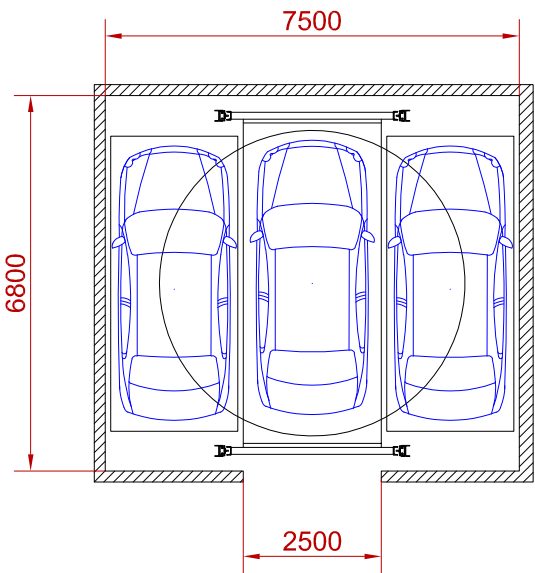
SEDAN TOWER



Customized Design as per Car Size and Space availability is available

Tower Parking System with Pallets

SUV TOWER



Customized Design as per Car Size and Space availability is available

Narrow Parking System

► Features

- Fully Automated
- Easy to Install
- Ideal to install in narrow space like, long garages, etc.
- Easy to relocate

► Car Dimensions

- Car Length (Max) - 5200 mm
- Car Width (Max) - 2200 mm
- Car Height (Max) - 2000 mm
- Car Weight (Max) – 2300 Kg

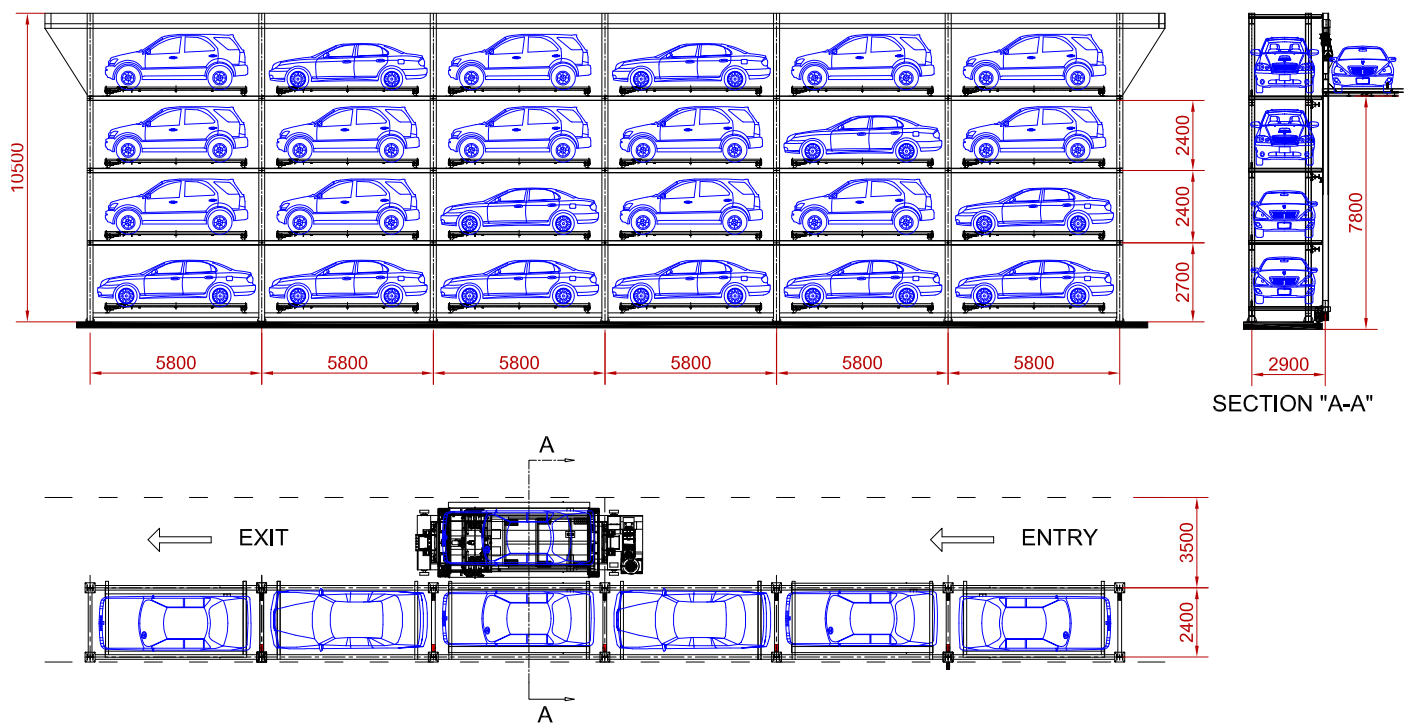
► Technical Parameters

- Lifting Motor – 2.2 / 3.7 kW
- Lifting Speed – 4.0 m/minute
- Drive – Chain / Wire Rope Drive
- Operation – Push Button
- Power Supply – Ac 400 V/50 Hz
- Three Phase, 5 wire
- Safety – Photo Electric Sensors



Customized Design as per Car Size and Space availability is available

Narrow Parking System



Customized Design as per Car Size and Space availability is available

Transporter Device (TD) Parking System

- Robot used for transfer of cars
- Less cycle time compared to Transporter Device Pallets
- Transporter Device move in both horizontal and vertical directions
- Parking of all cars shall be at Ground level.
- This system can be used for both above ground level as well as under ground

► Features

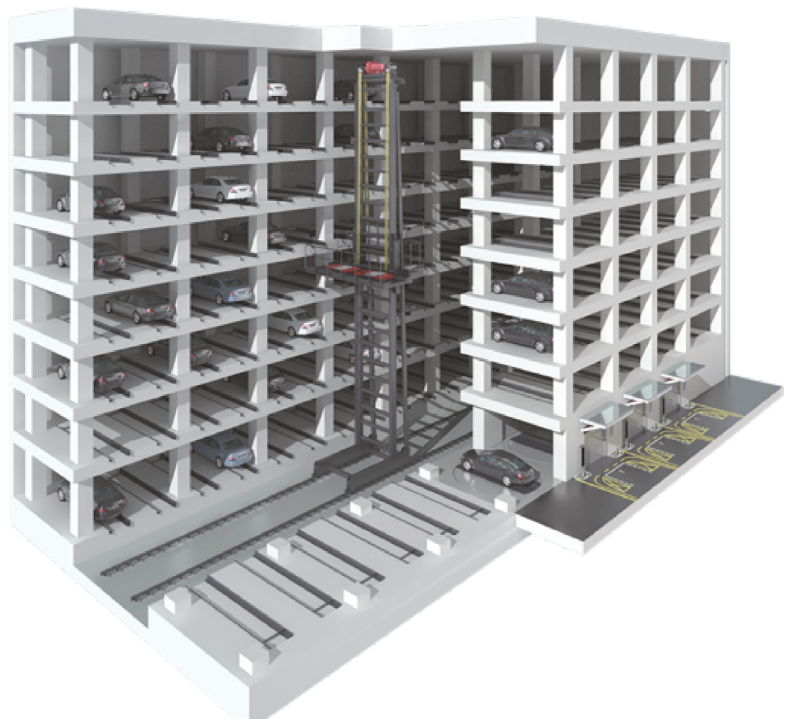
- Fully Automated Parking System
- Each car is checked for the sizes at Parking Room
- Parking Guidance in each Parking room
- Turn table for easy drive out

► Car Dimensions

- Car Length (Max) - 5200 mm
- Car Width (Max) - 2200 mm
- Car Height (Max) - 2000 mm
- Car Weight (Max) – 2300 Kg

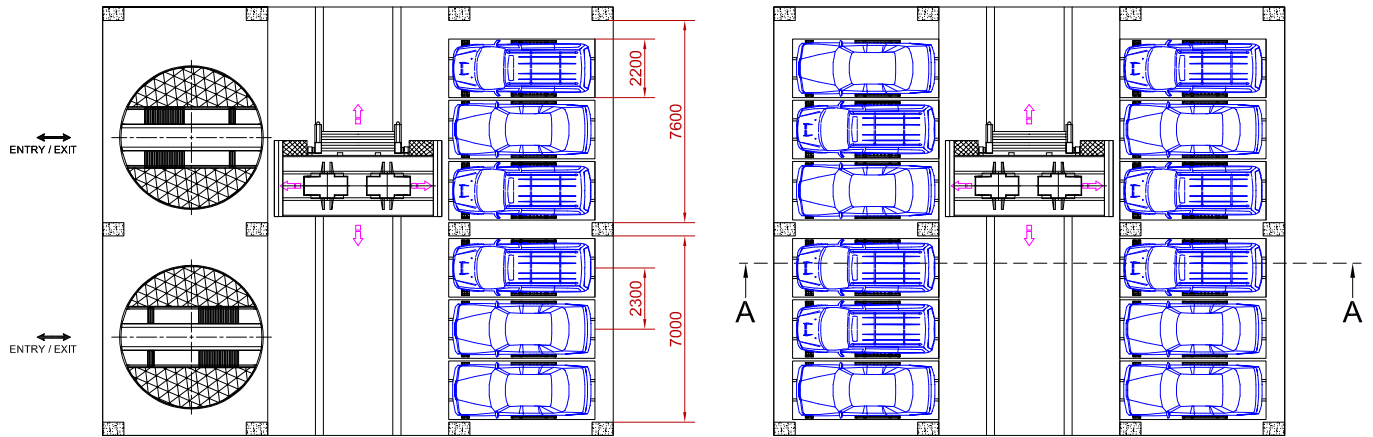
► Technical Parameters

- Lifting Motor – 11.0 / 30.0 Kw
- Sliding motor- 0.75 – 2.2 Kw
- Lifting Speed – 50 – 70 m/minute
- Carrier Speed- 40-60 m/minute
- Lifting Method- Steel Rope/ Chain
- Turn Table Speed- 2 RPM
- Operation – Touch Screen/ RFID card
- Power Supply – Ac 400 V/50 Hz
- Three Phase, 5 wire
- Entry/ Exit – Auto Doors



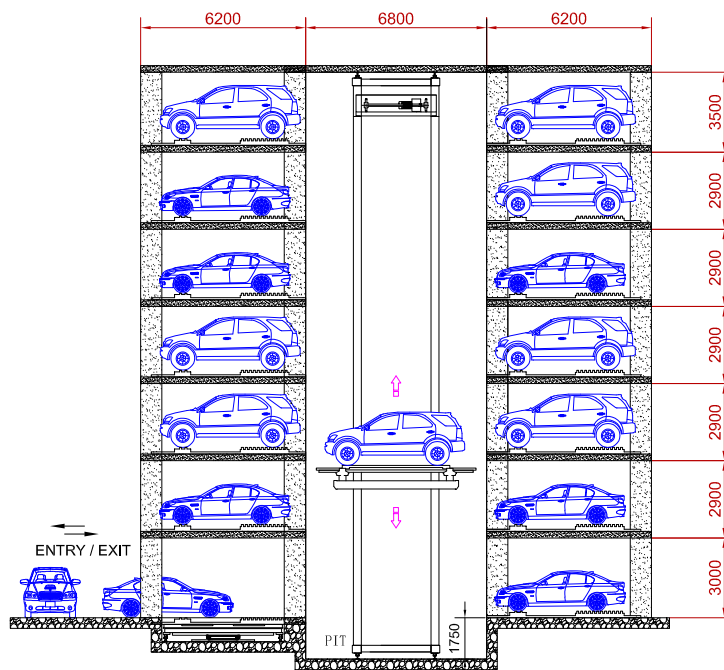
Customized Design as per Car Size and Space availability is available

Transporter Device (TD) Parking System



GROUND FLOOR

TYPICAL PARKING FLOOR



SECTION "A-A"

Customized Design as per Car Size and Space availability is available



UAE

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